

#### NOTICE OF A REGULAR CITY COUNCIL MEETING April 26, 2023, at 6:00 PM

PUBLIC NOTICE is hereby given that the Vineyard City Council will hold a regularly scheduled City Council meeting on Wednesday, April 26, 2023, at 6:00 p.m., in the City Council Chambers at City Hall, 125 South Main Street, Vineyard, Utah. This meeting can also be viewed on our <u>live stream page</u>.

#### **AGENDA**

**Presiding Mayor Julie Fullmer** 

1. CALL TO ORDER/INVOCATION/INSPIRATIONAL THOUGHT/PLEDGE OF ALLEGIANCE – to be announced.

#### 2. PRESENTATIONS/RECOGNITIONS/AWARDS/PROCLAMATIONS

#### 2.1 Award Presentation

Jamie Young and Rhett Ogden, President and President-Elect of the Utah Recreation and Parks Association, will present an award to Parks and Recreation Director Brian Vawdrey.

#### 3. WORK SESSION

#### Fiscal Year 2023-2024 Tentative Budget

Finance director David Mortensen will lead a discussion about the Fiscal Year 2023-2024 Tentative Budget.

#### 4. PUBLIC COMMENTS

(15 minutes)

"Public Comments" is defined as time set aside for citizens to express their views <u>for items</u> <u>not on the agenda</u>. Each speaker is limited to three minutes. Because of the need for proper public notice, immediate action **cannot** be taken in the Council Meeting. If action is necessary, the item will be listed on a future agenda, however, the Council may elect to discuss the item if it is an immediate matter of concern.

Public comments can be submitted ahead of time to <u>kellyk@vineyardutah.org</u>.

#### 5. MAYOR AND COUNCILMEMBERS' REPORTS/DISCLOSURES/RECUSALS

#### 6. STAFF, COMMISSION, AND COMMITTEE REPORTS

(3 minutes each)

**6.1** City Manager Ezra Nair

- 7. CONSENT ITEMS (There was no roll call vote when Items 7.1 through 7.3 were adopted during the April 12, 2023 City Council meeting. To make sure they are duly adopted, we are asking for ratification of these items on this consent agenda by roll call vote.)
  - **7.1** Approval of an Interlocal Agreement with Utah County for Election Services (Resolution 2023-15)
  - **7.2** Approval of a Contract Award for the Installation of Wireless Irrigation Controllers for Main Street (Resolution 2023-16)
  - **7.3** Approval of an Interlocal Agreement with Utah County for Mass Notification Services (Resolution 2023-17)
  - **7.4** Approval of the April 12, 2023, City Council Meeting Minutes
  - **7.5** Approval of Downtown Vineyard Phase 2b Final Plat
  - **7.6** Approval of a Special Event Permit for Liberty Defenders on May 27, 2023
  - **7.7** Approval of a Special Event Permit for Pro-Life Life Utah on June 24, 2023
  - **7.8** Ratification of the city manager's signature on the invoice with World Trade Center Utah
  - **7.9** Approval of an Interlocal Agreement by and between the Vineyard Redevelopment Agency (RDA) and the City of Vineyard for the Administration of Tax Increment Funds in the Vineyard Housing and Transit Reinvestment Zone (Resolution 2023-20)
  - **7.10** Approval of Fireworks Restrictions (Ordinance 2023-18)

#### 8. APPOINTMENTS

No names were submitted.

#### 9. PRESENTATIONS/RECOGNITIONS/AWARDS/PROCLAMATIONS

- **9.1** Smart Cities Initiative Presentation by SRT Labs
  Karoline Pershell of SRT Labs will present a software systems audit and roadmap.
- **9.2** Arbor Day Proclamation 2023-02
- **9.3** Building Safety Month Proclamation 2023-03
- 9.4 Bike Month Proclamation 2023-04
- **9.5** Drinking Water Week Proclamation 2023-05
- 9.6 Public Works Week Proclamation 2023-06

#### 10. BUSINESS ITEMS

# 10.1 DISCUSSION AND ACTION – Genderbands Special Event Permit Application and Fee Waiver Request

Special Event Coordinator Anna Nelson will present a special event permit application for the Utah Trans Pride Festival on August 12, 2023. The applicant is requesting a fee waiver. The mayor and City Council will take appropriate action.

#### 10.2 PUBLIC HEARING - Central Corridor Master Plan (Ordinance 2023-16)

Senior Planner Briam Amaya Perez will present a master plan which will specify the city's intended use and programming for the approximately 80-acre open space area in the center of the city commonly known as the Corridor. Those uses include but are not limited to public open space, recreation, transportation options, economic development, and open space preservation. Additionally, this plan provides details for the proposed programming and future implementation.

# 10.3 PUBLIC HEARING – Zoning Text Amendment - Domestic Livestock and Fowl (Ordinance 2023-15)

Planner Cache Hancey will present an ordinance which would provide greater allowance for domestic fowl in lots less than 1 acre and would permit a certain number of chickens based on lot size.

# **10.4 PUBLIC HEARING - General Plan Amendment to the Public Facilities and Services (Ordinance 2023-14)**

Senior Planner Briam Amaya Perez will present a city-initiated General Plan Amendment to the Public Facilities and Services element of the General Plan. This will update the goals and strategies for managing public utilities and services throughout the city. In addition, the city added a new element to the General Plan titled, Water Use and Preservation, which will plan to develop, deliver, and efficient use of our limited water resources. The mayor and City Council will act to adopt (or deny) this request by Ordinance.

#### 10.5 PUBLIC HEARING - Sign Code Amendments - (Ordinance 2023-17)

Planner Cache Hancey will present a Zoning Text Amendment to amend Section 15.23.120 Signs. The proposed amendment would remove the Sign Standard Waiver, make changes to the Sign Standard Table, and add two additional sign types: Development Promotion and Direction and Wall Art and Building Mural.

# 10.6 DISCUSSION AND ACTION - <u>Adoption of Alternate Municipal Voting Methods</u> <u>Pilot Project Participation for the 2023 Municipal Election (Resolution 2023-14)</u> There was no roll call vote when this item was adopted during the April 12, 2023 City

Council meeting. To make sure it is duly adopted, we are asking for ratification of this item on this consent agenda by roll call vote.

#### 11. CLOSED SESSION

The Mayor and City Council pursuant to Utah Code 52-4-205 may vote to go into a closed session for the purpose of (these are just a few of the items listed, see Utah Code 52-4-205 for the entire list):

- (a) discussion of the character, professional competence, or physical or mental health of an individual
- (b) strategy sessions to discuss collective bargaining
- (c) strategy sessions to discuss pending or reasonably imminent litigation
- (d) strategy sessions to discuss the purchase, exchange, or lease of real property, including any form of a water right or water shares
- (e) strategy sessions to discuss the sale of real property, including any form of a water right or water shares
- (f) discussion regarding deployment of security personnel, devices, or systems;
- (g) the purpose of considering information that is designated as a trade secret, as defined in Section <u>13-24-2</u>, if the public body's consideration of the information is necessary in order to properly conduct a procurement under <u>Title 63G</u>, <u>Chapter 6a</u>, <u>Utah</u> <u>Procurement Code</u>;

#### 12. ADJOURNMENT

The next meeting is on Wednesday, May 10, 2023.

This meeting may be held in a way that will allow a councilmember to participate electronically. The Public is invited to participate in all City Council meetings. In compliance with the Americans with Disabilities Act, individuals needing special accommodations during this meeting should notify the City Recorder at least 24 hours prior to the meeting by calling (801) 226-1929.

I the undersigned duly appointed Recorder for Vineyard, hereby certify that the foregoing notice and agenda was emailed to the Salt Lake Tribune, posted at the Vineyard City Offices, the Vineyard website, the Utah Public Notice website, and delivered electronically to city staff and to each member of the Governing Body.

AGENDA NOTICING COMPLETED ON: April 25, 2023

**CERTIFIED (NOTICED) BY:** /s/ Kelly Kloepfer

KELLY KLOEPFER, DEPUTY RECORDER



#### VINEYARD CITY COUNCIL STAFF REPORT

Meeting Date: April 12, 2023

**Agenda Item:** 7.1 (6.4) Interlocal Agreement with Utah County for Election Services

**Department:** Recorder/Elections

**Presenter:** Pamela Spencer

#### **Background/Discussion:**

The past four election cycles we have contracted with Utah County and their elections office to conduct our elections and I feel that it would be beneficial to continue the relationship with the county to facilitate the running of our elections.

**Fiscal Impact:** The county has calculated that it will cost them approximately \$2.25 per voter to run the Municipal Elections. Based on the number of active voters, which is currently 6,303 for an approximate total of \$14,181.75 for the General Election. It would be the same amount if a Primary Election is held. This amount is subject to change depending on how many new voters register between now and the election.

#### **Recommendation:**

Staff is recommending that the City Council approve the mayor to sign the Interlocal Cooperation Agreement between Utah County and Vineyard City for the administration of the 2023 Municipal Elections.

#### **Sample Motion:**

I move to adopt Resolution 2023-15, as presented and allow the mayor to sign the Interlocal Cooperation Agreement between Utah County and Vineyard City for the administration of the 2023 Municipal Elections.

#### **Attachments:**

Resolution 2023-15 Interlocal Agreement Scope Cost calculation

#### RESOLUTION NO. 2023-15

## A RESOLUTION AUTHORIZING THE MAYOR TO SIGN AN INTERLOCAL AGREEMENT.

WHEREAS, pursuant to the Utah Interlocal Cooperation Act, Utah Code Annotated, Section 11-13-1, et seq., 1953 as amended, governmental entities are allowed to enter into agreements for the joint provision of services; and

WHEREAS, Vineyard, Utah having determined that it is in the public interest and welfare of its residents has negotiated an agreement with Utah County for the administration of the 2023 Municipal Elections.

NOW THEREFORE BE IT RESOLVED BY THE GOVERNING BODY OF VINEYARD AS FOLLOWS:

- 1. The Vineyard City Council authorizes the mayor to sign the agreement titled Interlocal Cooperative Agreement between Utah County and Vineyard City for the Administration of the 2023 Municipal Elections, in the form attached hereto as Exhibit A.
  - 2. This resolution shall take effect upon passing.

Passed and dated this 12<sup>th</sup> day of April 2023.

	Mayor	
Attest:		
Deputy Recorder		

# INTERLOCAL COOPERATION AGREEMENT BETWEEN UTAH COUNTY AND VINEYARD CITY FOR THE ADMINISTRATION OF THE 2023 MUNICIPAL ELECTIONS

THIS IS AN INTERLOCAL COOPERATION AGREEMENT (Agreement), made and entered into by and between Utah County, a political subdivision of the State of Utah, and VINEYARD City a Utah municipality and political subdivision of the State of Utah, hereinafter referred to as CITY.

#### WITNESSETH:

WHEREAS, pursuant to the provisions of the Interlocal Cooperation Act ("Act"), Title 11, Chapter 13, Utah Code, public agencies, including political subdivisions of the State of Utah as therein defined, are authorized to enter into written agreements with one another for joint or cooperative action; and

WHEREAS, pursuant to the Act, the parties desire to work together through joint and cooperative action that will benefit the residents of both Utah County and CITY; and

WHEREAS, the parties to this Agreement are public agencies as defined in the Act; and

WHEREAS, Utah County and CITY desire to successfully conduct the 2023 CITY Municipal Primary (August 15) and General (November 7) Elections (collectively "2023 CITY Municipal Elections"); and

**WHEREAS**, it is to the mutual benefit of both Utah County and CITY to enter into an agreement providing for the parties' joint efforts to administer the 2023 CITY Municipal Elections.

**NOW, THEREFORE**, the parties do mutually agree, pursuant to the terms and provisions of the Act, as follows:

#### Section 1. EFFECTIVE DATE; DURATION

This Agreement shall become effective and shall enter into force, within the meaning of the Act, upon the submission of this Agreement to, and the approval and execution thereof by Resolution of the governing bodies of each of the parties to this Agreement. The term of this Agreement shall be from the effective date hereof until the completion of the parties' responsibilities associated with the 2023 CITY Municipal Elections or until terminated but is no longer than 1 year from the date of this Agreement. This Agreement shall not become effective until it has been reviewed and approved as to form and compatibility with the laws of the State of Utah by the Utah County Attorney and the attorney for CITY. Prior to becoming effective, this Agreement shall be filed with the person who keeps the records of each of the parties hereto.

#### **Section 2. ADMINISTRATION OF AGREEMENT**

The parties to this Agreement do not contemplate nor intend to establish a separate legal entity under the terms of this Agreement. The parties hereto agree that, pursuant to Section 11-13-207, Utah Code, Utah County, by and through the Utah County Clerk Elections Office, shall act as the administrator responsible for the administration of this Agreement. The parties further agree that this Agreement does not anticipate nor provide for any organizational changes in the parties. The administrator agrees to keep all books and records in such form and manner as Utah County shall specify and further agrees that said books shall be open for examination by the parties hereto at all reasonable times. The parties agree that they will not acquire, hold nor dispose of real or personal property pursuant to this Agreement during this joint undertaking.

#### Section 3. PURPOSES

This Agreement has been established and entered into between the parties for the purpose of administering the 2023 CITY Municipal Elections. This Agreement contemplates basic,

traditional primary and general elections (including ranked-choice voting, if applicable) for the 2023 CITY Municipal Elections. All other election-related services, including but not limited to services for special elections or elections for subsequent years, will need to be agreed to in a separate writing signed by both parties.

#### Section 4. RESPONSIBILITIES

The parties agree to fulfill the responsibilities and duties as contained in Exhibit A which is attached hereto and by this reference is incorporated herein for the 2023 CITY Municipal Elections.

CITY agrees to pay to Utah County the actual cost of County's administration of the 2023 CITY Municipal Elections which cost shall not exceed the estimated costs as contained in Exhibit B which is attached hereto and by this reference is incorporated herein. CITY agrees to pay to County the cost as contemplated herein within 30 days of receiving an invoice from County.

#### **Section 5. METHOD OF TERMINATION**

This Agreement will automatically terminate at the end of its term herein, pursuant to the provisions of paragraph one (1) of this Agreement. Prior to the automatic termination at the end of the term of this Agreement, any party to this Agreement may terminate the Agreement sixty days after providing written notice of termination to the other parties. Should the Agreement be terminated prior to the end of the stated term, CITY will be responsible for any costs incurred, including costs not then incurred but which are contemplated herein and irreversible at the time of termination such as return mailing costs, through the time of termination. The Parties to this Agreement agree to bring current, prior to termination, any financial obligation contained herein.

#### **Section 6. INDEMNIFICATION**

The parties to this Agreement are political subdivisions of the State of Utah. The parties

agree to indemnify and hold harmless the other for damages, claims, suits, and actions arising out of a negligent error or omission of its own officials or employees in connection with this Agreement. It is expressly agreed between the parties that the obligation to indemnify is limited to the dollar amounts set forth in the Governmental Immunity Act, Section 63G-7-604.

#### Section 7. FILING OF INTERLOCAL COOPERATION AGREEMENT

Executed copies of this Agreement shall be placed on file in the office of the County Clerk of Utah County and with the official keeper of records of CITY, and shall remain on file for public inspection during the term of this Agreement.

#### **Section 8. ADOPTION REQUIREMENTS**

This Agreement shall be (a) approved by Resolution of the governing body of each of the parties, (b) executed by a duly authorized official of each of the parties (c) submitted to and approved by an Authorized Attorney of each of the parties, as required by Section 11-13-202.5, Utah Code, and (d) filed in the official records of each party.

#### **Section 9. AMENDMENTS**

This Agreement may not be amended, changed, modified or altered except by an instrument in writing which shall be (a) approved by Resolution of the governing body of each of the parties, (b) executed by a duly authorized official of each of the parties, (c) submitted to and approved by an Authorized Attorney of each of the parties, as required by Section 11-13-205.5, Utah Code, and (d) filed in the official records of each party.

#### Section 10. SEVERABILITY

If any term or provision of the Agreement or the application thereof shall to any extent be invalid or unenforceable, the remainder of this Agreement, or the application of such term or provision to circumstances other than those with respect to which it is invalid or unenforceable,

shall not be affected thereby, and shall be enforced to the extent permitted by law. To the extent permitted by applicable law, the parties hereby waive any provision of law which would render any of the terms of this Agreement unenforceable.

#### **Section 11. NO PRESUMPTION**

Should any provision of this Agreement require judicial interpretation, the Court interpreting or construing the same shall not apply a presumption that the terms hereof shall be more strictly construed against the party, by reason of the rule of construction that a document is to be construed more strictly against the person who himself or through his agents prepared the same, it being acknowledged that each of the parties have participated in the preparation hereof.

#### **Section 12. HEADINGS**

Headings herein are for convenience of reference only and shall not be considered any interpretation of the Agreement.

#### **Section 13. BINDING AGREEMENT**

This Agreement shall be binding upon the heirs, successors, administrators, and assigns of each of the parties hereto.

#### **Section 14. NOTICES**

All notices, demands and other communications required or permitted to be given hereunder shall be in writing and shall be deemed to have been properly given if delivered by hand or by certified mail, return receipt requested, postage paid, to the parties at the addresses of the City Mayor or County Commission, or at such other addresses as may be designated by notice given hereunder.

#### **Section 15. ASSIGNMENT**

The parties to this Agreement shall not assign this Agreement, or any part hereof, without

the prior written consent of all other parties to this Agreement. No assignment shall relieve the original parties from any liability hereunder.

#### **Section 16. GOVERNING LAW**

All questions with respect to the construction of this Agreement, and the rights and liability of the parties hereto, shall be governed by the laws of the State of Utah.

IN WITNESS WHEREOF, the parties have signed and executed this Agreement, after resolutions duly and lawfully passed, on the dates listed below:

UTAH CO	OUNTY
Authorized by Resolution No. 2023,	authorized and passed on the day of
2023.	
	BOARD OF COUNTY COMMISSIONERS UTAH COUNTY, UTAH
	By:
	AMELIA POWERS GARDNER, Chair
ATTEST: AARON R. DAVIDSON	
Utah County Clerk	
By:	
Deputy	
APPROVED AS TO FORM AND COMPATIBIL	JTY
WITH THE LAWS OF THE STATE OF UTAH:	
JEFFREY S. GRAY, Utah County Attorney	
By:	
Deputy County Attorney	

## CITY

Authorized by Resolution No	, authorized and passed on the	day of
2023.		
	Mayor, CITY	
ATTEST:		
NAME		
CITY Recorder		
APPROVED AS TO FORM AND COMP. WITH THE LAWS OF THE STATE OF UCITY Attorney		
Bv:		

#### Exhibit A

# 2023 Municipal Elections Scope of Work for Election Services Revised 27 February 2023

Services the City will provide, include, but are not limited to:

- All administrative functions related to candidate filing.
- All administrative functions related to financial disclosure requirements by state code and/or city code.
- Publish Public Notices as required by law. The City may work with the County to publish notices jointly with other jurisdictions.
- Accept responsibility to keep candidates and the public up-to-date and informed on all legal requirements governing candidates, campaigns, deadlines, and recounts.
- Thoroughly examine and proof all election ballots and provide final approval.
- Host on the City website a link to or copy of the unofficial reported results as hosted on the
  County Elections webpage prior to certification, the official reported results as hosted on the
  County Elections webpage after certification, the location of the county-owned ballot drop boxes,
  and a link to the website for voters to opt-in to receive ballot alert texts.
- City will not change the format or otherwise alter the unofficial or official reported results, only displaying them in the form and format as provided by the County.
- City will canvass the final election results 7 days after Election Day, or a date prescribed by the County Clerk.

Annexations or other boundary changes impacting the administration of the municipal elections need to be submitted to the County prior to June 1, 2023. Annexation changes submitted on or after June 1, 2023, will not be incorporated into this election.

The City acknowledges that this Interlocal Agreement relates to a municipal ballot and election and as required by state statute, the City Clerk/Recorder is the Election Officer.

The City will provide the County Clerk with information, decisions, and resolutions and will take appropriate actions required for the conduct of the election in a timely manner. The City agrees to consolidate all elections administration functions and decisions in the office of the County Clerk to ensure the successful conduct of multiple, simultaneous municipal elections.

In a consolidated election, decisions made by the County regarding resources, procedures, and policies are based upon providing the same scope and level of service to all the participating jurisdictions and the City recognizes that such decisions, made for the benefit of the whole, may not be subject to review by the City.

Services the County will perform for the City include, but are not limited to:

- Ballot layout and design
- Ballot printing
- Ballot mailings
- Ballot retention and storage
- Outgoing / Return postage
- Ballot processing
- Printing optical scan ballots
- Program and test voting equipment
- Program electronic voter register
- Poll Worker recruitment, training, and supervision
- Compensate vote center poll workers
- Delivery of supplies and equipment
- Tabulate and report election results on county website
- Provisional ballot verification
- Update voter history database
- Conduct audits as required by state statute and/or administrative rule
- Conduct recounts as required by state statute and/or administrative rule
- Election Day administrative support
- Operation of countywide vote centers
- Provide final canvass report of Official Election Results. The City is responsible to canvass their municipal election on the date designated by the County Clerk. Such results will constitute the final Official Results of the Election.
- Ballot drop box services maintain, unlock and lock boxes, collect ballots, and maintain security camera footage.

The County will provide a good faith estimate for budgeting purposes. Election costs are calculated upon the offices scheduled for election, the volume of voters, and the number of jurisdictions participating. The City will be invoiced for its share of the actual costs of the election(s) which will not exceed the estimated rate in Exhibit B.

In the event of a state or county special election being held in conjunction with a municipal election, the scope of services and associated costs, and the method of calculating those costs, may be changed.

The City acknowledges that this Interlocal Agreement relates to a municipal ballot and election as required by state statute, the City Clerk/Recorder is the Election Officer.

#### Exhibit B

#### **2023 Municipal Elections**

Active voters for billing purposes will be calculated 11 days before each Election Day.

### Vineyard

Election	1/4/2023	Not to exceed \$2.25 per voter per election
Primary	6,303	\$14,181.75
General	6,303	\$14,181.75

Estimated Cost as of 3/6/2023	\$28,363.50
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#### VINEYARD CITY COUNCIL STAFF REPORT

Meeting Date: 04-12-2023

Agenda Item: 7.2 (6.5) Purchase and Installation of Wireless Irrigation System along Main Street

**Department: Public Works** 

Presenter: Naseem Ghandour, P.E.

#### **Background/Discussion:**

This staff report recommends the Resolution (**Exhibit 1**) for the purchase and installation contract for the wireless irrigation system to replace the broken 2-wire system along Main Street (**Exhibit 2**). The old 2-wire system is outdated and in disrepair, resulting in inconsistent watering patterns and high water usage. The wireless irrigation system is a modern, energy-efficient, and cost-effective alternative that will provide precise and effective watering to the Main Street area.

Vineyard City seeks to purchase a wireless irrigation system from Mountain Water & Irrigation to replace the broken 2-wire system along Main Street for \$37,255 (Exhibit 3). The new wireless irrigation system is designed to provide precise water application to grass, plants, and trees, resulting in increased growth and reduced water usage. The system uses soil sensors to measure soil moisture levels, which are then used to determine the precise amount of water needed for optimal crop growth. The system also includes weather sensors, which provide real-time weather data to help adjust watering schedules accordingly.

To ensure the successful installation of the wireless irrigation system and to guarantee its functionality, it is recommended that Vineyard City contracts with the purchase and installation contract from Mountain Water & Irrigation. The agreement will include the purchase of necessary equipment and installation services.

The purchase and installation contract will cover the following:

- 1. Purchase of equipment: Mountain Water & Irrigation will provide all necessary equipment for installing the wireless irrigation system, including soil sensors, weather sensors, and other necessary components.
- 2. Installation services: Mountain Water & Irrigation will provide installation services, including site preparation, installation of equipment, and system testing to ensure optimal functionality.
- 3. Warranty: Mountain Water & Irrigation will provide a warranty on all equipment and installation services for the period until October 2024. This warranty will cover any defects or malfunctions during the specified period.



#### VINEYARD CITY COUNCIL STAFF REPORT

Vineyard City visited Temple Square in Salt Lake City, where the wireless irrigation system is currently in use. Our inspection of the system in operations and a conversation with the grounds and irrigation manager concluded that the system and technology behind the system would meet the needs and requirements of Vineyard City if implemented by an experienced professional.

The purchase and installation of the wireless irrigation system will save Vineyard City approximately \$60,000 versus the traditional 2-wire method that would require five directional bores. The wireless irrigation system installation will not disturb the established park strips along Main Street. Installing the wireless system does not require trenching or other disruptive excavation work. This means the city can avoid the cost and time needed to repair the park strips, resulting in additional cost savings.

Furthermore, Vineyard City contacted several irrigation contractors for consideration and either received no response, an uninterested response or was referred to Mountain Water & Irrigation (**Exhibit 4**). Vineyard City's choice to go with Mountain Water & Irrigation comes from their high recommendations from industry partners, ability to perform the work, and cost savings versus the traditional hardwire method.

#### **Fiscal Impact:**

\$37,255 from FY23 Budget

#### **Recommendation:**

Staff Recommends Approval

#### **Sample Motion:**

I motion to approve the resolution to allow the City Manager to agree with Mountain Water & Irrigation to purchase and install a wireless irrigation system as presented by staff at a total cost of thirty-seven thousand two hundred and fifty-five dollars (\$37,255).

#### **Attachments:**

- 1. Resolution for Purchase and Installation of Wireless Irrigation System from Mountain Water & Irrigation
- 2. Irrigation System Audit along Main Street
- 3. Proposal for Wireless Irrigation System from Mountain Water & Irrigation System
- 4. Email from Vineyard City Maintenance Manager regarding Project Cost Quotations

#### **RESOLUTION 2023-16**

A RESOLUTION OF THE VINEYARD CITY COUNCIL AWARDING THE BID TO THE LOWEST BIDDER, MOUNTAIN WATER & IRRIGATION LLC, FOR THE PURCHASE AND INSTALLATION OF WIRELESS IRRIGATION CONTROLLERS ALONG MAIN STREET

WHEREAS, notice to bidders has been duly given as required by law; and

WHEREAS, after consideration of bids filed (see Exhibit 4), it was determined that Mountain Water & Irrigation LLC is the best and lowest bidder for the public improvement as is herein outlined.

NOW THEREFORE BE IT RESOLVED BY THE GOVERNING BODY OF VINEYARD AS FOLLOWS:

<u>Section 1.</u> The bid be awarded to Mountain Water & Irrigation LLC for the purchase and installation of wireless irrigation controllers on Main Street and that the contract for the installation of the same is now awarded to said contractor in the total amount of \$37,255.00.

<u>Section 2.</u> That city staff are hereby authorized and directed to execute the contract with the contractor for the public improvement as is herein referred to.

<u>Section 3.</u> This resolution shall take effect upon passing.

Passed and dated this 12th day of April, 2023.

	Mayor Julie Fullmer	
Attest:		
Deputy Recorder		



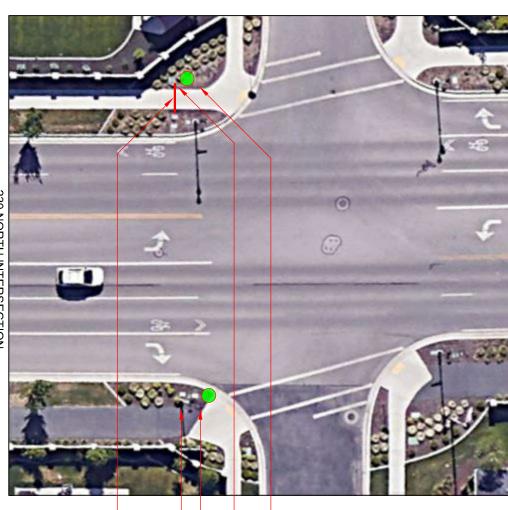
THRIVE UNIT 3 (3 VALVES)
CONTROLLER 2

INSTALL NEW CONTROLLER
INSTALL CONTROLLER 2 - SET
CONTROLLER INSIDE GROUNDMOUNTED METAL CABINET.

CABINET TO BE SET ON 4"
CONCRETE PAD WITH GRAVEL
BASE AND COMPACTED SUB-BASE.
HARDWIRE THE TWO NEAREST
VALVES TO CONTROLLER.

USE EXISTING 2-WIRE AS CONTROL
WIRE FOR VALVE AT CORNER.
POWER PULLED FROM NEARBY
LIGHTPOLE BY VINEYARD CITY.

USE EXISTING 2-WIRE PATHWAY
AS CONTROL WIRE FROM THRIVE UNIT



REPLACE DRIP VALVE

THRIVE UNIT 5 (2 VALVES) CONTROLLER 2

REPLACE DRIP VALVE

THRIVE UNIT 4 (4 VALVES) CONTROLLER 2

230 NORTH INTERSECTION

INSTALL NEW 5 CONDUCTOR
18 AWG DIRECT BURIAL SPRINKLER
CABLE UNDER SIDEWALK CONNECTING
THE TWO SETS OF VALVE BOXES
CABLE UNDER SIDEWALK CONNECTING

REPLACE DRIP VALVE

REPLACE DRIP VALVE BOX

- EXISTING 2-WIRE CABLE CONTINUES
PAST THIS VALVE LOCATION. DIG TO
FIND SPLICE AND DISCONNECT LEG
THAT CONTINUES SOUTH ACROSS 230
NORTH. SET SPLICE IN ROUND VALVE
BOX

# AND IRRIGATION

PARK CITY, UTAH 84068 435.770.0273

Vineyard Main Street
Irrigation System Audit

DRAWN BY:
MJOHN
CHECKED BY:
TBRUCIA

Vineyard Main Street

DATE:
12/15/2022

SHEET: 3 OF 3



Vineyard City 125 Main Street Vineyard, Utah Quote: MSW23

Date: January 27, 2023 Job Name: Main Street

**Controller Wiring** 

Project Description: Install provided new controllers and equipment for re-wiring of Main Street public areas. Work per audit report.

Main Street Wiring Controller 1: Materials		
Rain Bird ESP-LX ME2 Controller 24 Station w/ module	1	Provided By Client
Thrive Evo Wireless Transmitter & Receiver Kits	8	Provided By Client
Rain Bird DC latching solenoids	20	\$810.00
Rainbird 1" PEB Drip valve w/ PR Drip Basket	6	\$1,002.60
Rain Bird 1" Drip Basket	1	\$99.25
Rainbird 1.5" Drip valve w/ PR Drip Basket	1	\$295.20
PVC Fittings		\$516.10
Valve Boxes		\$390.00
Conduit & Control Wire		\$587.00
Valve Wiring Materials	20	\$125.00
Controller & Thrive Mounting Materials		\$246.75
	Sub Total	\$4,071.90
Main Street Wiring Controller 1: Installation		
Controller Installation	1	\$380.00
Thrive Evo Installation	8	\$4,320.00
1" Drip Valve Replacement	6	\$1,975.00
1" Drip Basket Installation	1	\$325.00
1.5" Drip Valve Installation	1	\$750.00
Control Wire Trenching		\$2,540.00
Commissioning & Programming		\$720.00
	Sub Total	\$11,010.00
	Controller 1 Total	\$15,081.90



Vineyard City 125 Main Street Vineyard, Utah Quote: MSW23

Date: January 27, 2023 Job Name: Main Street

**Controller Wiring** 

Project Description: Install provided new controllers and equipment for re-wiring of Main Street public areas. Work per audit report.

	Controller 2 Total	\$16,657.10
	Sub Total	\$9,509.00
Commissioning & Programming		\$720.00
Control Wire Trenching		\$1,180.00
1" Drip Basket Installation	1	\$325.00
1" Drip Valve Replacement	7	\$2,304.00
Thrive Evo Installation	5	\$2,700.00
Controller & Enclosure Installation	1	\$2,280.00
Main Street Wiring Controller 2: Installation		
	Sub Total	\$7,148.10
Controller & Thrive Mounting Materials		\$385.75
Concrete pad with sweeps	1	\$375.00
NEMA Outdoor Enclosure on strut base frame	1	\$3,510.50
Valve Wiring Materials	16	\$100.00
Conduit & Control Wire		\$154.25
Valve Boxes		\$390.00
PVC Fittings		\$315.65
Rain Bird 1" Drip Basket	1	\$99.25
Rainbird 1" PEB Drip valve w/ PR Drip Basket	7	\$1,169.70
Rain Bird DC latching solenoids	16	\$648.00
Thrive Evo Wireless Transmitter & Receiver Kits	5	Provided By Client
Rain Bird External Antenna	1	Provided By Client
Rain Bird 4G IQ Com. Module w/ 1 year subscription	1	Provided By Client
Rain Bird ESP-LX ME2 Controller 24 Station w/ module	1	Provided By Client



Vineyard City 125 Main Street Vineyard, Utah Quote: MSW23

Date: January 27, 2023 Job Name: Main Street

**Controller Wiring** 

Project Description: Install provided new controllers and equipment for re-wiring of Main Street public areas. Work per audit report.

Main Street Remote Stations		
Two Stations NE & NW corners of 400 North		
Option 1: Hunter Bluetooth Remote Nodes	2	\$280.90
Node Installation	2	\$150.00
	Total Option 1	\$430.90
Option 2: Thrive Evo Receiver & Transmitter	2	\$2,181.00
Thrive Evo Installation	2	\$1,080.00
	Total Option 2	\$3,261.00
Project Management System Management: May thru October 2023 System Management: May thru October 2024	Total Project	\$1,100.00 \$1,155.00 <b>\$2,255.00</b>
	Management Project Total W/ Option 1	\$34,424.90
	Project Total W/ Option 2	\$37,255.00

#### **Naseem Ghandour**

**From:** George Schramm

Sent: Tuesday, February 28, 2023 11:34 AM

**To:** Naseem Ghandour

**Subject:** FW: Main Street Re-Wire Quote: Rev 1.0

Attachments: MWI Vineyard Wiring 2023 Rev. 1.0.pdf; PastedGraphic-3.pdf; Vineyard Irrigation Audit

PAGE 3.pdf; Vineyard Two Wire Install 2021.pdf

Follow Up Flag: Follow up Flag Status: Flagged

#### Naseem,

Attached are the original quote form Mountain Water & Irrigation for the main street rewire project, and the irrigation audit that was also done by MW&I, that shows detailed plans of work to be performed.

Also, I am attaching a 2021 bid for rewiring main street with 2-wire. Keep in mind these are 2021 figures. This quote does NOT include any directional boring to be performed, or any landscaping or irrigation that would need to be repaired/replaced (Upgrading and replacing worn valves and filters, any landscaping beyond rough grade, turf repair, planter bed repair, or irrigation system damage caused by trenching/digging.) Below are listed a few companies that I have reached out to for bids on either reinstalling the 2-wire or installing a wireless option. (Documentation of each can be provided upon request.)

Epic Landscape & Maintenance

Brandon Hawkins 801-592-0094

1/24/23 @ 2:55pm verbally requested as builds.

1/25/23 @ 2:02pm sent as builds.

After 1/25 several phone conversations were made. In one of these conversations, I was referred to Brady Pitcher for the wireless system. (The sales rep for Thrive Evo) that is already working with MW&I.

**Empire Landscaping** 

Nick 801-319-6119

1/25/23 After phone conversations, requested as builds.

Left messages. No response.

#### Intermountain Plantings

Eli Simmons 801-381-1798

Several phone conversations were made, as-builds were sent along with their original quote from 2021. He said their commercial division was no longer interested in performing the work.

I am also going to forward a couple of the e-mail conversations I have had with Brady Pitcher regarding Thrive Evo product information.

Please review and provide insight and or direction on how we might move forward.

Thank you, George

From: Anthony Brucia <tbrucia@me.com> Sent: Friday, January 27, 2023 2:53 PM

To: George Schramm <georges@vineyardutah.org>

Cc: Michael John <mjohn@mwiwater.com>
Subject: Re: Main Street Re-Wire Quote: Rev 1.0



#### VINEYARD CITY COUNCIL STAFF REPORT

Meeting Date: April 12th, 2023

Agenda Item: 7.3 (6.7) Everbridge Contract Renewal

**Department: Administration** 

Presenter: Ezra Nair

#### **Background/Discussion:**

This interlocal agreement allows the city to buy into a percentage of the Everbridge Mass notification system that is most often used to alert city and county residents in an emergency. This system also provides residents the ability to opt-in to general city or event information if that service is provided by the city. This contract is provided through the Utah County Emergency Management team and cities experience a great reduction in total cost by grouping together on this purchase.

#### **Fiscal Impact:**

\$2,254.57 with small annual increases based on census-estimated population growth in relation to the rest of the county.

#### **Recommendation:**

Recommendation:

Staff recommends the city council approve Resolution 2023-17 to enter into an interlocal agreement with Utah County for Mass Notification Services.

#### **Sample Motion:**

I move that the city council approve Resolution 2023-17 to enter into an interlocal agreement with Utah County for Mass Notification Services.

#### RESOLUTION NO. 2023-17

## A RESOLUTION AUTHORIZING THE MAYOR TO SIGN AN INTERLOCAL AGREEMENT

WHEREAS, pursuant to the Utah Interlocal Cooperation Act, Utah Code Annotated, Section 11-13-1, et seq., 1953 as amended, governmental entities are allowed to enter into agreements for the joint provision of services; and

WHEREAS, Vineyard, Utah, having determined that it is in the public interest and welfare of its residents has negotiated an agreement with Utah County for the mass notification services to be provided to the city.

NOW THEREFORE BE IT RESOLVED BY THE GOVERNING BODY OF VINEYARD AS FOLLOWS:

- 1. The Vineyard City Council authorizes the mayor to sign the agreement titled Mass Notification Interlocal Cooperation Agreement, in the form attached hereto as Exhibit A.
  - 2. This resolution shall take effect upon passing.

Passed and dated this 12th day of April, 2023.

	Mayor Julie Fullmer
Attest:	
Deputy Recorder	

# MASS NOTIFICATION INTERLOCAL COOPERATION AGREEMENT

THIS MASS NOTIFICATION INTERLOCAL COOPERATION AGREEMENT (hereinafter "Agreement"), is executed in duplicate this \_\_\_\_\_ day of \_\_\_\_\_\_, 2023, by and among UTAH COUNTY, a political subdivision of the State of Utah (hereinafter referred to as "County") and ALPINE CITY, AMERICAN FORK CITY, CEDAR FORT TOWN, CITY OF CEDAR HILLS, EAGLE MOUNTAIN CITY, ELK RIDGE CITY, FAIRFIELD TOWN, GENOLA CITY, GOSHEN CITY, HIGHLAND CITY, LEHI CITY, LINDON CITY, MAPLETON CITY, the CITY OF OREM, PAYSON CITY, PLEASANT GROVE CITY, PROVO CITY, SALEM CITY, SANTAQUIN CITY, SARATOGA SPRINGS CITY, SPANISH FORK CITY, SPRINGVILLE CITY, VINEYARD CITY, and WOODLAND HILLS CITY, all municipal corporations and political subdivisions of the State of Utah, (the combined group of cities to be hereinafter collectively referred to as the "Cities" or "City" when used in the singular).

#### **RECITALS**

WHEREAS, mass notification services provide an important means to notify the citizens residing in the boundaries of Utah County of disasters, emergencies, and other important matters, thereby promoting the health, safety, and welfare of the citizens residing in Utah County; and

WHEREAS, the parties to this Agreement will benefit by reduced fees for mass notification services to the citizens of their respective jurisdictions by entering into this Agreement while maintaining autonomy of notifications in their respective jurisdictions; and

WHEREAS, the parties to this Agreement desire to benefit from the mass notification services provided in accordance with the Agreement and the cost savings associated therewith; and

WHEREAS, County has entered into an agreement more particularly described below for countywide mass notification services to promote the health safety and welfare of citizens residing in Utah County; and

WHEREAS, the parties to this Agreement desire to enter into this Agreement to provide for the funding and use of the mass notification system; and

WHEREAS, the parties desire to set forth the terms of their agreement and the parties respective rights and obligations in this Agreement; and

WHEREAS, the parties and each of the Cities have approved this Agreement by resolutions adopted by their respective governing bodies;

NOW THEREFORE, in consideration of the covenants and promises contained herein, and

for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. <u>Agreement with Everbridge</u>. County has entered into Agreement No. 2023-211 with Everbridge, Inc., (the "Mass Notification Agreement"), in the form attached hereto as Exhibit A, allowing Cities to utilize the mass notification services provided by Everbridge. Upon entering into this interlocal agreement and payment of fees to County as provided herein, each city may participate in the Everbridge mass notification services as provided in the Mass Notification Agreement.

All Cities who are contracting with Everbridge prior to entering into this Agreement have the option to remain separate organizations within the Everbridge system as currently established and may continue to contact Everbridge directly with support needs for their organizations.

#### 2. <u>Funding and Apportionment of Mass Notification Expenses.</u>

2.1 For the first year of the Mass Notification Agreement, each City without an existing mass notification provider will pay County their share of the Mass Notification Agreement contract price as stated in the last column of the attached Exhibit B.

In the first year of the Mass Notification Agreement, Cities with an existing mass notification provider, commencing upon the termination of their respective existing mass notification contracts will pay County their pro rata share of the Mass Notification Agreement price determined as follows: (number of days remaining in the first year of the Mass Notification Agreement/365) times the city's yearly contract price with the previous provider, or as otherwise determined and confirmed in writing between the City and County.

- 2.2 In the second and subsequent years of the Mass Notification Agreement, each City's pro rata share of the contract price of the Mass Notification Agreement will be based on the number of households in their respective jurisdictions divided by the total number of households in the jurisdictions of all parties to this Agreement, times the Mass Notification Agreement contract price. The number of households in a respective jurisdiction is determined as follows: Population divided by 2.4, multiplied by 1.1, equals total households. The population used in the formula will be determined by the most recent United States Census figures. All parties shall promptly pay County in advance for the next succeeding year for their respective shares of the Mass Notification Agreement contract price as provided in section 3.1. The percentage of the expenses due from each party will be recalculated in the event updated US Census figures are released during the term of this Agreement and will be effective for the next payment period. In the second year only, a city's pro rata share shall not exceed the amount stated in the last column of Exhibit B.
- 2.3 Any additional fees incurred by County or a Participating City, including fees

listed in the Mass Notification Agreement, will be paid by the County or Participating City incurring the fee or service, including but not limited to API connections, additional ORGS and training not listed in the quote, and new ORG implementation fees.

#### 3. **Payment.**

3.1 The County shall send an invoice to each of the Cities for the amount of each City's payment to County for their respective share of the Mass Notification Agreement contract price. The County shall include a detail calculating each party's contract price share. A City's contract price share will be allocated as provided in the preceding section. Each party shall pay the County not less than thirty (30) days prior to commencement of the next contract year or within 30 days of receipt of an invoice from the County, whichever is later.

#### 4. **Coordination.**

4.1 The parties shall meet at least annually to coordinate use of the mass notification services and to discuss issues regarding the services.

#### 5. Indemnification, Insurance, and Mass Notification Agreement Compliance.

- 5.1 The parties shall maintain such liability insurance as they deem prudent and appropriate. The parties anticipate that the protections of the Utah Governmental Immunity Act, 63G-7-101 et. seq. will apply to any claims which may be made against any or all of the parties arising out of the use of the Mass Notification System. However, notwithstanding these protections, and without in any way waiving the defenses afforded by the Utah Governmental Immunity Act, 63G-7-101 et. seq., each party to this Agreement agrees to indemnify and hold harmless each and every other party from all claims for personal injuries or damage to property to the extent that such injuries or damages directly or indirectly arise out of that party's own acts or omissions. Nothing in this Agreement shall be construed as releasing, indemnifying or holding harmless any party to this agreement from liability for that party's own acts or omissions. The indemnification obligations hereunder, or as provided in any section of this Agreement, shall not be considered a waiver of the protections and immunities afforded by the Utah Governmental Immunity Act (Utah Code Section 63G-7-101, et. seq.) The obligation of the parties to indemnify under this section, or as provided in any section of this Agreement, is limited to the limits of liability specified in the Governmental Immunity Act (Utah Code Section 63G-7-604), or as amended by statute or the state risk manager as provided by statute.
- 5.2 All parties to this Agreement shall comply with all terms and conditions of the Mass Notification Agreement and will indicate their willingness to do so by signing the Mass Notification Agreement as a Participating City. By such signature as a Participating City, the city agrees to be bound by the terms and conditions of the Mass Notification Agreement only and does not make the City

a party to the Mass Notification Agreement.

- 5.3 In the event any party to this Agreement breaches any term or condition of the Mass Notification Agreement, and fails to timely cure any such breach, the breaching party to this Agreement shall indemnify and hold harmless all non-breaching parties to this Agreement for all claims, injuries or damages resulting from the breaching party to this Agreement's acts or omissions, including but not limited to court costs and attorney's fees incurred as a result of the breaching party to this Agreement's acts or omissions. The indemnification obligations hereunder, or as provided in any section of this Agreement, shall not be considered a waiver of the protections and immunities afforded by the Utah Governmental Immunity Act (Utah Code Section 63G-7-101, et. seq.). The obligation of the parties to indemnify under this section, or as provided in any section of this Agreement, is limited to the limits of liability specified in the Governmental Immunity Act (Utah Code Section 63G-7-604), or as amended by statute or the state risk manager as provided by statute.
- 6. <u>Duration</u>. This Agreement shall be effective immediately upon the signature hereof by at least two named parties to this Agreement and shall remain in full force and effect as to all signatories to this Agreement for a period of five (5) years including any subsequent renewal of the Mass Notification Agreement on the same terms and conditions as the original agreement, or until such time as the Mass Notification Agreement is terminated, whichever is sooner.
- 7. <u>Interlocal Cooperation Act.</u> The following terms are included in the Agreement to comply with the requirements of the Interlocal Cooperation Act:
  - 7.1 **Purpose.** This Interlocal Cooperation Agreement has been established and entered into by the parties to provide mass notification services within Utah County.
  - 7.2 **No Separate Entity, Administration.** The parties to this Agreement do not contemplate nor intend to establish a separate legal entity under the terms of this Agreement. The parties hereto agree that pursuant to Section 11-13-207, Utah Code Annotated, 1953 as amended, COUNTY shall act as the administrator responsible for the administration of this Interlocal Cooperation Agreement. The parties further agree that this Interlocal Cooperation Agreement does not anticipate nor provide for any organizational changes in the parties. The administrator agrees to keep all books and records in such form and manner as the Utah County Clerk shall specify and further agrees that said books shall be open for examination by the signatories hereto at all reasonable times. The parties agree that they will not acquire, hold nor dispose of any real property pursuant to this Agreement. The parties further agree that they will not acquire, hold, or dispose of any personal property pursuant to this Agreement.
  - 7.3 **Financing.** There shall not be a separate budget to carry out the terms of this Agreement, but each party shall fund and pay for its respective responsibilities pursuant to this Agreement. Except as otherwise specifically provided herein,

- each party shall be responsible for its own costs of any action done pursuant to this Agreement, and for any financing of such costs.
- 7.4 **Filing.** A duly executed original counterpart of this Agreement shall be filed with the keeper of records of each party, pursuant to Section 11-13-209 of the Interlocal Act.
- 7.5 **Legal Review.** This Agreement shall be reviewed as to proper form and compliance with applicable law by a duly authorized attorney on behalf of each party, pursuant to Section 11-13-202.5 of the Interlocal Act.
- 7.6 **Termination.** Upon the termination of the Mass Notification Agreement, the parties will each pay County their pro rata share for the cost of any services due under the Mass Notification Agreement as determined in section 2.2.
- 7.7 **Equipment.** The parties will provide and maintain such equipment as they determine necessary for their own use of the mass notification services. Any equipment provided by a party shall remain the property of the party providing the equipment. No real or personal property shall be acquired jointly by the parties as a result of this Agreement. To the extent that a party acquires, holds, or disposes of any real or personal property for use in the joint or cooperative undertaking contemplated by this Agreement, such party shall do so in the same manner that it deals with other property of such party.
- 8. <u>Interpretation of Agreement</u>. Whenever the context of any provision shall require it, the singular number shall be held to include the plural number, and vice versa, and the use of any gender shall include the other gender. The paragraph and section headings in this Agreement are for convenience only and do not constitute a part of the provisions hereof.
- 9. <u>Amendments</u>. This Agreement may be amended, changed, modified or altered only by an instrument in writing which shall be (a) approved by Resolution of the governing or legislative body of each of the parties, (b) executed by a duly authorized official of each of the Parties, (c) submitted to an attorney for each party that is authorized to represent said party for review as to proper form and compliance with applicable law, pursuant to Section 11-13-202.5 of the Interlocal Act, and (d) filed in the official records of each party.
- 10. <u>No Presumption</u>. Should any provision of this Agreement require judicial interpretation, the Court interpreting or construing the same shall not apply a presumption that the terms hereof shall be more strictly construed against one party, by reason of the rule of construction that a document is to be construed more strictly against the person who himself or through his agents prepared the same, it being acknowledged that all parties have participated in the preparation hereof.
- 11. <u>Notices.</u> All notices, demands and other communications required or permitted to be given hereunder shall be in writing and shall be deemed to have been properly given if delivered by hand or by certified mail, return receipt requested, postage paid, to the parties directed to their respective County Commission Chairman or City Mayors at their respective County and City

Offices, or at such other addresses as may be designated by notice given hereunder.

- 12. **Assignment.** The parties to this Agreement shall not assign this Agreement, or any part hereof, without the prior written consent of all other parties to this Agreement. No assignment shall relieve the original parties from any liability hereunder.
- 13. <u>Utah Law.</u> This Agreement shall be interpreted pursuant to the laws of the State of Utah.
  - 14. **Time of Essence.** Time shall be of the essence of this Agreement.
- 15. <u>Lawful Agreement</u>. The parties represent that each of them has lawfully entered into this Agreement, having complied with all relevant statutes, ordinances, resolutions, by-laws, and other legal requirements applicable to their operation.
- 16. **Breach**. In the event that any party breaches this Agreement, a non-breaching party may serve the breaching party with a notice to cure the breach by certified mail, return receipt requested or personal delivery to the breaching party. The breaching party shall cure the breach within thirty days of receiving notice to cure, or if the breach is not capable of curing within thirty days, commence corrective action within thirty days and diligently pursue correction of the breach until the breach is cured. Failure to cure or diligently pursue corrective action constitutes a breach.
- 17. <u>Incorporation of Recitals</u>. The Recitals to this Agreement are hereby incorporated into the Covenants section of this Agreement as if fully set forth herein.
- 18. <u>Binding Agreement.</u> This Agreement shall be binding upon the heirs, successors, administrators, and assigns of each of the parties hereto.
- 19. <u>Mass Notification Agreement</u>. The parties to this Agreement shall not violate, breach or cause the violation or breach of any term, condition or provision of the Mass Notification Agreement.
- 20. <u>Conflict</u>. This Agreement is subject to the terms, provisions and conditions of the Mass Notification Agreement and all applicable state and federal laws, rules, and regulations. In the event of any conflict between any term of this Agreement and the Mass Notification Agreement, the Mass Notification Agreement shall govern. The parties to this Agreement shall comply with all applicable state and federal laws, rules, and regulations.
- 21. **Entire Agreement**. This Agreement shall constitute the entire agreement between the parties and any prior understanding or representation of any kind proceeding the date of this Agreement shall not be binding upon either party except to the extent incorporated in this Agreement.
- 22. **Force of Nature**. The parties to this Agreement shall not hold any other parties liable for damages or otherwise responsible in any way if any party is prevented from the performance of this Agreement by reason of acts of God, riot, strike, fire, weather, illness, war, lock-up, energy shortages, or illegality.

- 23. <u>Severability</u>. If any term or provision of this Agreement or the application thereof shall to any extent be invalid or unenforceable, the remainder of this Agreement, or the application of such term or provision to circumstances other than those with respect to which it is invalid or unenforceable, shall not be affected thereby, and shall be enforced to the extent permitted by law. To the extent permitted by applicable law, the parties hereby waive any provision of law which would render any of the terms of this Agreement unenforceable.
- 24. <u>Counterparts</u>. This Agreement may be executed in one or more counterparts, all of which together shall be considered as one agreement.
- 25. <u>Third Party Beneficiaries</u>. This Agreement governs the rights and liabilities of the signatories to this Agreement only. No third-party beneficiaries are created, or intended to be created by this Agreement for any person or entity not a signatory to this Agreement.

SIGNED and ENTERED INTO this	day of	, 2023.
	BOARD OF COUNTY COMM UTAH COUNTY, UTAH	ISSIONERS,
	By:	R
ATTEST: AARON R. DAVIDSON Utah County Clerk  By: Deputy Utah County Clerk		
REVIEWED AS TO PROPER FORM AN COMPLIANCE WITH APPLICABLE LA JEFFREY S. GRAY Utah County Attorney		
By: Deputy Utah County Attorney	<u> </u>	

SIGNED and ENTERED INTO this	day of	, 2023.
	ALPINE CITY	
	By:	
ATTEST AND COUNTERSIGN:		
City Recorder	-	
Reviewed as to proper form and compliance with applicable law:		
City Attorney	_	

SIGNED and ENTERED INTO this	day of		, 2023.
	AMER	ICAN FORK C	CITY
		ayor	
ATTEST AND COUNTERSIGN:			
City Recorder			
Reviewed as to proper form and Compliance with applicable law:			
City Attorney			

SIGNED and ENTERED INTO this	day of	, 2023.
	CEDAR FORT T	OWN
	Ву:	
ATTEST AND COUNTERSIGN:	Mayor	
Town Recorder		
Reviewed as to proper form and Compliance with applicable law:		
Town Attorney		

SIGNED and ENTERED INTO this	day of	, 2023.	
	CITY O	OF CEDAR HILLS	
ATTEST AND COUNTERSIGN:	By:	ayor	
City Recorder			
Reviewed as to proper form and Compliance with applicable law:			
City Attorney			

SIGNED and ENTERED INTO this	day of	, 2023.
	EAGLE MOUN	NTAIN CITY
	By:	
ATTEST AND COUNTERSIGN:		
City Recorder		
Reviewed as to proper form and Compliance with applicable law:		
City Attorney	<u></u>	

SIGNED and ENTERED INTO this	day of	, 2023.
	ELK RIDGE (	CITY
	By: Mayor	
ATTEST AND COUNTERSIGN:		
City Recorder		
Reviewed as to proper form and Compliance with applicable law:		
City Attorney		

SIGNED and ENTERED INTO this	day of	, 2023.
	FAIRFIELD TO	WN
	By: Mayor	
ATTEST AND COUNTERSIGN:		
Town Recorder		
Reviewed as to proper form and Compliance with applicable law:		
Town Attorney		

SIGNED and ENTERED INTO this	day of	, 2023.
	GENOLA CIT	ΓΥ
	By: Mayor	
ATTEST AND COUNTERSIGN:		
City Recorder		
Reviewed as to proper form and Compliance with applicable law:		
City Attorney		

SIGNED and ENTERED INTO this	day of	, 2023.
	GOSHEN CITY	
	By: Mayor	
ATTEST AND COUNTERSIGN:		
City Recorder		
Reviewed as to proper form and		
Compliance with applicable law:		
City Attorney		

SIGNED and ENTERED INTO this	_ day of	, 2023.
	HIGHLAND CITY	
	By:	
ATTEST AND COUNTERSIGN:	<b>,</b>	
City Recorder		
Reviewed as to proper form and Compliance with applicable law:		
City Attorney	<u> </u>	

SIGNED and ENTERED INTO this	day of	, 2023.
	LEHI CITY	
	By:	
ATTEST AND COUNTERSIGN:	Mayor	
City Recorder		
Reviewed as to proper form and Compliance with applicable law:		
City Attorney	<u> </u>	

SIGNED and ENTERED INTO this	day of	, 2023.
	LINDON CITY	
	By: Mayor	
ATTEST AND COUNTERSIGN:		
City Recorder		
Reviewed as to proper form and Compliance with applicable law:		
City Attorney		

SIGNED and ENTERED INTO this	_ day of	, 2023.
	MAPLETON CIT	Y
	By: Mayor	
ATTEST AND COUNTERSIGN:		
City Recorder		
Reviewed as to proper form and Compliance with applicable law:		
City Attorney		

SIGNED and ENTERED INTO this	_ day of	, 2023.
	CITY OF OREM	
	By:	
ATTEST AND COUNTERSIGN:	Mayor	
City Recorder		
Reviewed as to proper form and Compliance with applicable law:		
City Attorney		

SIGNED and ENTERED INTO this	day of	, 2023.
	PAYSON CITY	
	By: Mayor	
	Wayor	
ATTEST AND COUNTERSIGN:		
City Recorder	<u> </u>	
City Recorder		
Reviewed as to proper form and		
Compliance with applicable law:		
City Attorney		

SIGNED and ENTERED INTO this	day of _		, 2023.
		PLEASANT GROVE CIT	ΥΥ
		By:	
ATTEST AND COUNTERSIGN:			
City Recorder			
Reviewed as to proper form and Compliance with applicable law:			
City Attorney			

SIGNED and ENTERED INTO this	day of	, 2023.
	PROVO CITY	
	By:	
ATTEST AND COUNTERSIGN:		
City Recorder	<u> </u>	
Reviewed as to proper form and Compliance with applicable law:		
City Attorney	<u></u>	

SIGNED and ENTERED INTO this	day of	, 2023.
	SALEM CITY	
	By:	
ATTEST AND COUNTERSIGN:		
City Recorder	_	
Reviewed as to proper form and Compliance with applicable law:		
City Attorney	_	

SIGNED and ENTERED INTO this	day of	, 2023.
	SANTAQUIN CI	ITY
	By:	
ATTEST AND COUNTERSIGN:	Mayor	
City Recorder		
Reviewed as to proper form and Compliance with applicable law:		
City Attorney		

SIGNED and ENTERED INTO this	_ day of _		_, 2023.
		SARATOGA SPRINGS O	CITY
		By: Mayor	
ATTEST AND COUNTERSIGN:			
City Recorder			
Reviewed as to proper form and Compliance with applicable law:			
City Attorney			

SIGNED and ENTERED INTO this da	ay of, 2023.
	SPANISH FORK CITY
	By:
ATTEST AND COUNTERSIGN:	·
City Recorder	
Reviewed as to proper form and Compliance with applicable law:	
City Attorney	

SIGNED and ENTERED INTO this	_ day of	, 2023.	
	SPRING	SVILLE CITY	
	By:	yor	
ATTEST AND COUNTERSIGN:	Ž		
City Recorder	_		
Reviewed as to proper form and Compliance with applicable law:			
City Attorney			

SIGNED and ENTERED INTO this	day of	, 2023.
	VINEYARD CITY	
	By:	
ATTEST AND COUNTERSIGN:	·	
City Recorder		
Reviewed as to proper form and Compliance with applicable law:		
City Attorney		

SIGNED and ENTERED INTO this	day of _		, 2023.
		WOODLAND HILLS CIT	ΓY
		By:	
ATTEST AND COUNTERSIGN:			
City Recorder			
Reviewed as to proper form and Compliance with applicable law:			
City Attorney			

# EXHIBIT A

[Mass Notification Agreement]



155 North Lake Avenue, Suite 900 Pasadena, CA 91101 USA tel: +1-818-230-9700 fax: +1-818-230-9505 www.everbridge.com

Quotation

 Quote #:
 Q-125131

 Date:
 2/2/2023

 Expires On:
 3/31/2023

Confidential

Salesperson: Barbara Stoker

Phone:

**Email:** barbara.stoker@everbridge.com

**Contract Summary Information:** 

Prepared for:

3075 N. Main St.

Ph: (801) 851-4140

Spanish Fork UT 84660

Email: peterq@utahcounty.gov

Peter Quittner

**Utah County** 

**United States** 

Fax:

Contract Period: 60 Months
Contract Start Date: 4/1/2023
Contract End Date: 3/31/2028

## Year 1

QTY	DESCRIPTION		PRICE	
20	Additional CE/VE Keywords		USD 0.00	
1	Mass Notification Base		USD 93,164.36	
17	Everbridge Additional Organization		USD 0.00	
1	Incident Management - Incident Communications		USD 2,500.00	
1	Custom From Email Address		USD 0.00	
1	Everbridge Community Engagement		USD 25,361.57	
200	Scheduling		USD 0.00	
1	Everbridge IPAWS Notification		USD 0.00	
		Year 1 TOTAL:		USD 121,025.93

## Year 2

QTY	DESCRIPTION	PRICE
20	Additional CE/VE Keywords	USD 0.00
1	Mass Notification Base	USD 93,164.36
17	Everbridge Additional Organization	USD 0.00
1	Incident Management - Incident Communications	USD 2,500.00
1	Custom From Email Address	USD 0.00
1	Everbridge Community Engagement	USD 25,361.57
200	Scheduling	USD 0.00
1	Everbridge IPAWS Notification	USD 0.00
	Year 2 TOTA	L: USD 121,025.93

## Year 3

QTY	DESCRIPTION		PRICE	
20	Additional CE/VE Keywords		USD 0.00	
1	Mass Notification Base		USD 93,164.36	
17	Everbridge Additional Organization		USD 0.00	
1	Incident Management - Incident Communications		USD 2,500.00	
1	Custom From Email Address		USD 0.00	
1	Everbridge Community Engagement		USD 25,361.57	
200	Scheduling		USD 0.00	
1	Everbridge IPAWS Notification		USD 0.00	
	·	Year 3 TOTAL:		USD 121,025.93

#### Year 4

QTY	DESCRIPTION		PRICE	
20	Additional CE/VE Keywords		USD 0.00	
1	Mass Notification Base		USD 93,164.36	
17	Everbridge Additional Organization		USD 0.00	
1	Incident Management - Incident Communications		USD 2,500.00	
1	Custom From Email Address		USD 0.00	
1	Everbridge Community Engagement		USD 25,361.57	
200	Scheduling		USD 0.00	
1	Everbridge IPAWS Notification		USD 0.00	
		Year 4 TOTAL:		USD 121,025.93

## Year 5

QTY	DESCRIPTION	PRICE
20	Additional CE/VE Keywords	USD 0.00
1	Mass Notification Base	USD 93,164.36
17	Everbridge Additional Organization	USD 0.00
1	Incident Management - Incident Communications	USD 2,500.00
1	Custom From Email Address	USD 0.00
1	Everbridge Community Engagement	USD 25,361.57
200	Scheduling	USD 0.00
1	Everbridge IPAWS Notification	USD 0.00
	Year 5 TOTAL	USD 121,025.93

## **Pricing Summary:**

Year One Fees:	USD 121,025.93
One-time Implementation and Setup Fees:	USD 0.00
Professional Services:	USD 0.00
Total Year One Fees Due:	USD 121,025.93

## Ongoing Fees:

Year Two Fees:	USD 121,025.93
Year Three Fees:	USD 121,025.93
Year Four Fees:	USD 121,025.93
Year Five Fees:	USD 121,025.93

#### Quote Terms:

- 1. Quote subject to the terms and conditions of the Master Services Agreement, including any amendments, executed between Everbridge, Inc. and the customer listed above.
- 2. Additional rates apply for all international communications
- 3. Subject to sales taxes where applicable.
- 4. Except for currency designation, the supplemental notes below, if any, supplied in this Quote are for informational purposes and not intended to be legally binding or override negotiated language of the Everbridge Inc. Master Service Agreement.

Please, Sign, Date and Return:			
Signature:	Date:		
Name (Print):	Title:		
Please, Sign, Date and Return:			
Signature:	Date:		
Name (Print):	Title:		

155 North Lake Avenue, Suite 900 Pasadena, CA 91101 USA Tel: +1-818-230-9700

Fax: +1-818-230-9505

THANK YOU FOR YOUR BUSINESS!

Please, Sign, Date and Re	turn:		
Signature:	Phillip E. Huff 25E1AF437AA642F	Date:	
Name (Print):		Title:	
Please, Sign, Date and Re	turn:		
Signature:	DocuSigned by:  C561D059701D40E	Date:	3/10/2023
Name (Print):	Amelia Powers Gardner	Title:	Utah County Commission Chair

155 North Lake Avenue, Suite 900 Pasadena, CA 91101 USA Tel: +1-818-230-9700 Fax: +1-818-230-9505

THANK YOU FOR YOUR BUSINESS!

# EXHIBIT B

#### Population Calculated using 2020 US Census

City	Population	Total Households (Including Business)	% of Utah County households	Cost Share of \$118,525/Annually by households
Alpine	10251	4,698	0.016	\$1,842.59
American Fork	33337	15,279	0.051	\$5,992.24
Cedar Fort	430	197	0.001	\$77.29
Cedar Hills	10019	4,592	0.015	\$1,800.89
Draper		0	0.000	\$0.00
Eagle Mountain	43623	19,994	0.066	\$7,841.12
Elk Ridge	4874	2,234	0.007	\$876.09
Fairfield	161	74	0.000	\$28.94
Genola	1593	730	0.002	\$286.34
Goshen	982	450	0.001	\$176.51
Highland	19348	8,868	0.029	\$3,477.75
Lehi	75907	34,791	0.115	\$13,644.08
Lindon	11397	5,224	0.017	\$2,048.58
Mapleton	11365	5,209	0.017	\$2,042.83
Orem	98129	44,976	0.149	\$17,638.43
Payson	21101	9,671	0.032	\$3,792.85
Pleasant Grove	37726	17,291	0.057	\$6,781.15
Provo	115162	52,783	0.175	\$20,700.06
Salem	9298	4,262	0.014	\$1,671.29
Santaquin	13725	6,291	0.021	\$2,467.03
Saratoga Springs	37696	17,277	0.057	\$6,775.76
Spanish Fork	42602	19,526	0.065	\$7,657.60
Springville	35268	16,165	0.053	\$6,339.33
Vineyard	12543	5,749	0.019	\$2,254.57
Woodland Hills	1558	714	0.002	\$280.05
Utah County Uninc.	11308	5,183	0.017	\$2,032.58
Utah County Add-Ons				\$2,500.00

Everbridge Formula = (Population) divided by (2.4) Multiplied by (1.1) = Households including businesses.... Multiplied by .46 = Annual Cost

\$121,025.93

Total Utah County Households (Including Business Factor) = 302,224



3 4

5 6

> 7 8

9

10 **Present** 

- Mayor Julie Fullmer 11
- Councilmember Tyce Flake 12
- Councilmember Amber Rasmussen 13 Councilmember Mardi Sifuentes 14
- Councilmember Cristy Welsh 15

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## MINUTES OF A REGULAR CITY COUNCIL MEETING

City Council Chambers 125 South Main Street, Vineyard, Utah April 12, 2023 at 5:00 PM

**Absent** 

- Staff present: City Manager Ezra Nair, City Attorney Jayme Blakesley, Chief Building Official Cris Johnson, Lieutenant Holden Rockwell with the Utah County Sheriff's Office, Community
- Development Director Morgan Brim, Public Works Director Naseem Ghandour, Water Manager Sullivan Love, Deputy Recorder Kelly Kloepfer
  - Others speaking: Residents Jordan Christensen and Daria and Russell Evans

## 1. CALL TO ORDER/INVOCATION/INSPIRATIONAL THOUGHT/PLEDGE OF **ALLEGIANCE**

Mayor Fullmer called the meeting to order at 5:00 PM. Councilmember Flake offered the invocation and led the Pledge of Allegiance.

# 2. WORK SESSION

No items were submitted.

## 3. PUBLIC COMMENTS Mayor Fullmer called for public comments.

Resident Jordan Christensen, living in The Preserve, expressed concerns with the intersection of Main Street and Vineyard Loop Road and stated that he was a proponent of a roundabout there. He explained that he had collected signatures on a petition for a redesign of

the intersection. Mayor Fullmer asked him to share the petition with the city.

- Resident Daria Evans, living in the Villas, thanked the council for their hard work and for providing sandbags for residents and asked about the sandbags. She also asked about the possibility of a Chick-Fil-A coming to Vineyard.
- Public Works Director Naseem Ghandour explained the process for residents to pick up sandbags.

Community Development Director Morgan Brim stated that Chick-Fil-A had approached the city a couple of years ago and at the time were considering a site, and that the city had talked to them about a location near the Megaplex. He added that there were a lot of good restaurants coming in.

Resident Russell Evans, living in the Villas, thanked the council for the city's snow removal during the past winter. He felt that the city had done a good job keeping the snow off the roads.

Mayor Fullmer called for further comments. Hearing none, she closed the Public Comments Session.

## 4. MAYOR AND COUNCILMEMBERS' REPORTS/DISCLOSURES/RECUSALS

Councilmember Flake reassured residents that flooding was not a concern in Vineyard. He explained about the current soil content here and that it could absorb the water. He encouraged residents to help friends living in other cities where they may be affected. He stated that the city was watching it, was prepared, and was offering sandbags to other cities. Mayor Fullmer added that residents needed to make sure land drains were clear.

Councilmember Rasmussen reported that Community Garden applications were now being accepted for Sunset Beach Park and Gammon Park gardens. She attended the Healing Conversations Summit at Utah Valley University (UVU) recently, which was about diplomacy and collaboration. She also reported that she attended the Sustainability Summit at UVU earlier today.

Councilmember Sifuentes reported that the Bunny Hop Egg Drop held on April 8 had been successful. She stated that for Earth Day and that the city was planning a Vineyard Earth Day Beautification event at Sunset Beach Park, which would be held on Saturday, April 22 at 9:00 AM. The first 150 volunteers would receive a free t-shirt. She also mentioned that Principal Geovanni Guzman at Trailside Elementary was awarded the Best Principal Award for Alpine School District.

Councilmember Welsh reported that April 22 was National Prescription Drug Take Back Day. She said that Vineyard had a NarcX disposal unit in the city office lobby that was available every day. She also attended the Sustainability Summit earlier today. She also participated in a panel discussion about Ranked-Choice Voting (RCV) at the Gary R. Herbert Institute for Public Policy. She gave a brief update on the Central Corridor Master Plan which would be discussed at the next City Council meeting. She emphasized that they had listened to public feedback and had made some adjustments.

# 5. STAFF, COMMISSION, AND COMMITTEE REPORTS

5.1 City Manager Ezra Nair reported on the recent water line break that occurred when a contractor struck a water line, and how it had been resolved. He pointed out that next week was the Transportation Master Plan Facebook Live event at 11:00 AM on April 18. He also announced that the Impact Vineyard Community Fair would be on April 25 from 6:00-8:00 PM at Freedom Preparatory Academy, which BYU MPA students had helped to organize.

He mentioned that on April 21-24 UDOT would be striping 800 North at Geneva Road so that there would now be two lanes entering Vineyard and only one turning south onto Geneva Road. He ended with an update on the water tank.
<b>5.2</b> Planning Commission – Mr. Brim reported on behalf of the Planning Commission on the following items, the first four of which would be on the April 26, 2023 City Council Meeting agenda:
<ul> <li>Central Corridor Master Plan</li> <li>Domestic Livestock and Fowl Ordinance – This would reduce the lot size requirements and would allow more residents to have chickens in their backyards.</li> <li>General Plan Amendment to the Public Facilities and Services element</li> </ul>
<ul> <li>Sign Code Amendment</li> <li>Economic Development Strategic Plan – Mr. Brim stated that they were preparing for a Request for Proposal (RFP). He wanted to have an economic development plan consultant and a stationary plan consultant working concurrently.</li> <li>Stationary Plan – This included the Vineyard Downtown and east Geneva areas.</li> <li>Short-Term Rental Ordinance – This was currently being drafted.</li> </ul>
<ul> <li>- RFP for the Parking Master Plan</li> <li>- Holdaway Road citizen request to make it safer for pedestrians and bicyclists – They were working with Mountainland Association of Governments on this plan.</li> </ul>
<ul> <li>6. CONSENT ITEMS</li> <li>6.1 Approval of the March 8, 2023, City Council Meeting Minutes</li> <li>6.2 Approval of the March 22, 2023, City Council Meeting Minutes</li> </ul>
<ul> <li>6.3 Adoption of Alternate Municipal Voting Methods Pilot Project Participation for the 2023 Municipal Election (Resolution 2023-14)</li> <li>6.4 Approval of an Interlocal Agreement with Utah County for Election Services (Resolution 2023-15)</li> </ul>
<b>6.5</b> Approval of a Contract Award for the Installation of Wireless Irrigation Controllers for Main Street (Resolution 2023-16)
<ul> <li>6.6 Approval of the Purchase of a Crack Seal Machine</li> <li>6.7 Approval of an ILA with Utah County for Mass Notification Services (Resolution 2023-17)</li> <li>6.8 Approval of an Agreement with Revize for website services</li> <li>6.9 Approval of an Agreement with CRSA for fire station site plan assessments</li> </ul>
Mayor Fullmer called for a motion.
Councilmember Sifuentes asked to remove Items 6.3 and 6.4 from the Consent Agenda for further discussion.
Motion: COUNCILMEMBER FLAKE MOVED TO APPROVE ALL OTHER ITEMS BESIDES 6.3 AND 6.4. COUNCILMEMBER WELSH SECONDED THE MOTION. MAYOR FULLMER, COUNCILMEMBERS FLAKE, RASMUSSEN, SIFUENTES, AND WELSH VOTED YES. THE MOTION CARRIED UNANIMOUSLY.

Page 3 of 6; April 12, 2023, City Council Minutes

Mayor Fullmer called for the discussion of Items 6.3 and 6.4.

Councilmember Sifuentes stated that she had attended some trainings for Ranked-Choice Voting (RCV) and said there was value in it but thought that voting should be more straightforward. She proposed that the city not move forward with RCV.

Councilmember Welsh remarked that she appreciated the other side and gave a brief history of RCV in Utah, highlighting that Vineyard was one of the first cities to try it, and used RCV for the last two municipal elections. She added that the pilot program would run through 2026, after which the state would look at the data. She emphasized that of those surveyed, well over 50% had a positive experience using RCV. She offered reasons why she supported RCV, which were: she felt it was a much more positive election for candidates and residents, it saved the city money since there was no primary, and she felt that it encouraged more people to engage and encouraged candidates to run a more positive campaign.

Councilmember Flake commented that he had run for City Council twice. He explained that the first time there was name calling, lies, and charges, and he described it as abysmal. The second time, the city was using RCV and for him it was a very positive experience.

Councilmember Rasmussen felt that it was great to eliminate dichotomies. She shared that when she ran (in 2021), it was collaborative and cooperative. She added that knowing that she had to get fifty percent of the votes helped her feel confident that people wanted her in this position.

Mayor Fullmer stated that with RCV, the person with the most votes won in ranked order. She further explained that when Vineyard first used RCV, it was because it was cost effective. The city decided that each election year that they used it, they would look at the data to identify any problems with the method. Of the residents surveyed, the vast majority liked RCV. She concluded that Vineyard had had a successful outcome with RCV and expressed her support for RCV for this year's election.

Councilmember Welsh added that if a voter only wanted to vote for one candidate, with RCV they still could do that.

Mayor Fullmer called for a motion.

Motion: COUNCILMEMBER FLAKE MOVED TO APPROVE ITEM 6.3 RANKED-CHOICE VOTING PILOT PROGRAM. COUNCILMEMBER WELSH SECONDED THE MOTION. MAYOR FULLMER, COUNCILMEMBERS FLAKE, RASMUSSEN, AND WELSH VOTED YES. COUNCILMEMBER SIFUENTES VOTED NO. THE MOTION CARRIED 4-1.

Mayor Fullmer called for a motion for Item 6.4.

Motion: COUNCILMEMBER SIFUENTES MOVED TO APPROVE 6.4. COUNCILMEMBER WELSH SECONDED THE MOTION. MAYOR FULLMER, COUNCILMEMBERS FLAKE, RASMUSSEN, SIFUENTES AND WELSH VOTED YES. THE MOTION CARRIRED UNANIMOUSLY.

#### 7. APPOINTMENTS

**7.1 <u>Library Board</u>** 

With the advice and consent of the City Council, Mayor Fullmer will appoint members to the Vineyard Library Board.

Mayor Fullmer appointed Pilar Steele to the Library Board and called for a motion.

Motion: COUNCILMEMBER WELSH MOVED TO APPROVE THE PILAR STEELE APPOINTMENT TO THE LIBRARY BOARD AS PRESENTED. COUNCILMEMBER RASMUSSEN SECONDED THE MOTION. MAYOR FULLMER, COUNCILMEMBERS FLAKE, RASMUSSEN, SIFUENTES, AND WELSH VOTED YES. THE MOTION CARRIED UNANIMOUSLY.

## 8. PRESENTATIONS/RECOGNITIONS/AWARDS/PROCLAMATIONS

No items were submitted.

## 9. BUSINESS ITEMS

# 9.1 DISCUSSION AND ACTION – <u>Appointment of the RDA to Administer the HTRZ</u> Funds (Resolution 2023-18)

City Manager Ezra Nair will present a request to appoint the Redevelopment Agency (RDA) to administer the Housing and Transit Reinvestment Zone (HTRZ) funds pursuant to <a href="Utah Code 63N-3-607(2)(c)(i)">Utah Code 63N-3-607(2)(c)(i)</a>. The mayor and City Council will act to adopt (or deny) this request by resolution.

Mayor Fullmer turned the time over to City Manager Ezra Nair.

Mr. Nair explained that this was a zoning area created around the Vineyard FrontRunner Station, which was provided by state law to help increase the amount of density around transit stations to increase ridership. The state HTRZ Committee made five requirements, one of which was that the HTRZ follow the statute regarding the overlay between the RDA and HTRZ. Mr. Nair stated that this HTRZ was in the RDA, and so this item was to appoint the RDA to administer HTRZ funds.

Mayor Fullmer called for a motion.

Motion: COUNCILMEMBER FLAKE MOVED TO APPROVE RESOLUTION 2023-18 TO APPOINT THE RDA TO ADMINISTER HTRZ FUNDS. COUNCILMEMBER WELSH SECONDED THE MOTION. ROLL CALL WENT AS FOLLOWS: MAYOR FULLMER, COUNCILMEMBERS FLAKE, RASMUSSEN, SIFUENTES, AND WELSH VOTED YES. THE MOTION CARRIED UNANIMOUSLY.

For the record Mayor Fullmer clarified the RCV statistics from the survey that she had cited earlier in the meeting:

- More than 86 percent of Vineyard voters agreed that RCV should be used again.
- 92% of Vineyard voters ranked more than one candidate.
- Approximately 60% ranked all seven candidates, which showed that they had an opinion about every candidate and understood how to use the method.

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248	9.2 DISCUSSION AND ACTION – <u>Affordable Housing Agreement (Resolution 2023-19)</u>
249	City manager Ezra Nair will present an affordable housing agreement with Flagborough
250	LLC. The mayor and City Council will act to adopt (or deny) this request by resolution.
251	NCTS
252	Mayor Fullmer turned the time over to Mr. Nair.
253	NCTS
254	Mr. Nair explained the details of the housing requirement placed on HTRZ and stated that
255	Vineyard City staff would make sure that those requirements were being met.
256	NCTS
257	Mayor Fullmer called for questions. Hearing none, she called for a motion.
258	
259	Motion: COUNCILMEMBER WELSH MOVED THAT THE CITY COUNCIL
260	APPROVE RESOLUTION 2023-19 TO APPROVE THE ADMINISTRATION
261	REQUIREMENTS OF THE AFFORDABLE HOUSING COMPONENT OF THE HTRZ.
262	COUNCILMEMBER RASMUSSEN SECONDED THE MOTION. ROLL CALL WENT AS
263	FOLLOWS: MAYOR FULLMER, COUNCILMEMBERS FLAKE, RASMUSSEN,
264	SIFUENTES, AND WELSH VOTED YES. THE MOTION CARRIED UNANIMOUSLY.
265	
266	10. CLOSED SESSION
267	No closed session was held.
268	
269	11. ADJOURNMENT
270	NCS
271	Mayor Fullmer called for a motion to adjourn the meeting.
272	
273	NCD.
274	Motion: COUNCILMEMBER FLAKE MOVED TO ADJOURN THE MEETING AT
275	5:41 PM. COUNCILMEMBER RASMUSSEN SECONDED THE MOTION. MAYOR
276	FULLMER, COUNCILMEMBERS FLAKE, RASMUSSEN, SIFUENTES, AND WELSH
277	VOTED YES. THE MOTION CARRIED UNANIMOUSLY.
278	
279	
280	MINUTES APPROVED ON:
281	
282	CERTIFIED (NOTICED) BY: /s/ Kelly Kloepfer

283

KELLY KLOEPFER, DEPUTY RECORDER



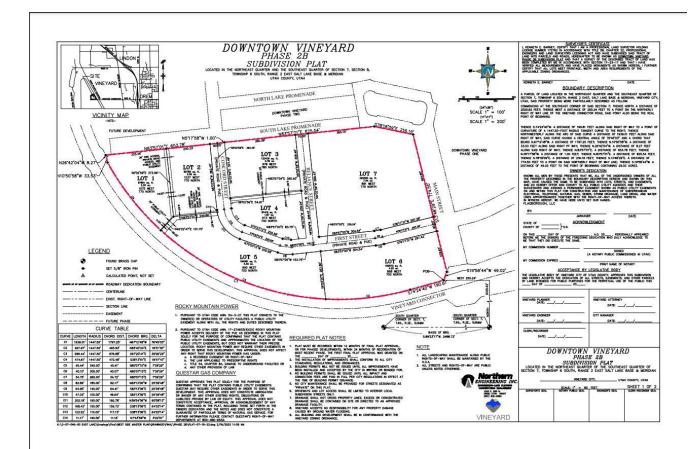
**Date:** April 26, 2023

From: Cache Hancey, Planner & Business Advocate

**To:** City Council

Item: 7.5 Downtown Vineyard Phase 2B (Final Plat Application)

Address: 800 N Main Street
Owner: Flagborough



#### **INTRODUCTION:**

The applicant is requesting a final plat approval. The subject property is within the Downtown Vineyard Mixed-Use (DTMU) zoning district and contains 29.03 acres of land. The subject property would be composed of seven (7) unique lots. This plat will allow for the completion of the street network on the southwest corner of the DTMU. This will provide building lots for Block 5 Buildings A-E and Block 6 Building A which are currently in site plan review.

Staff has reviewed this plat and provided comments back to the applicant. Prior to recording the plat, the applicant will need to meet all city and county plat requirements. A condition has been added to ensure compliance below.

#### **Planning Commission:**

Planning Commission approved the preliminary plat on November 2, 2022.

#### **RECOMMENDATION:**

 $Staff is \, recommending \, approval \, of the \, final \, plat for the \, Downtown \, Vineyard \, Phase \, 2B \, with \, the \, following \, conditions:$ 

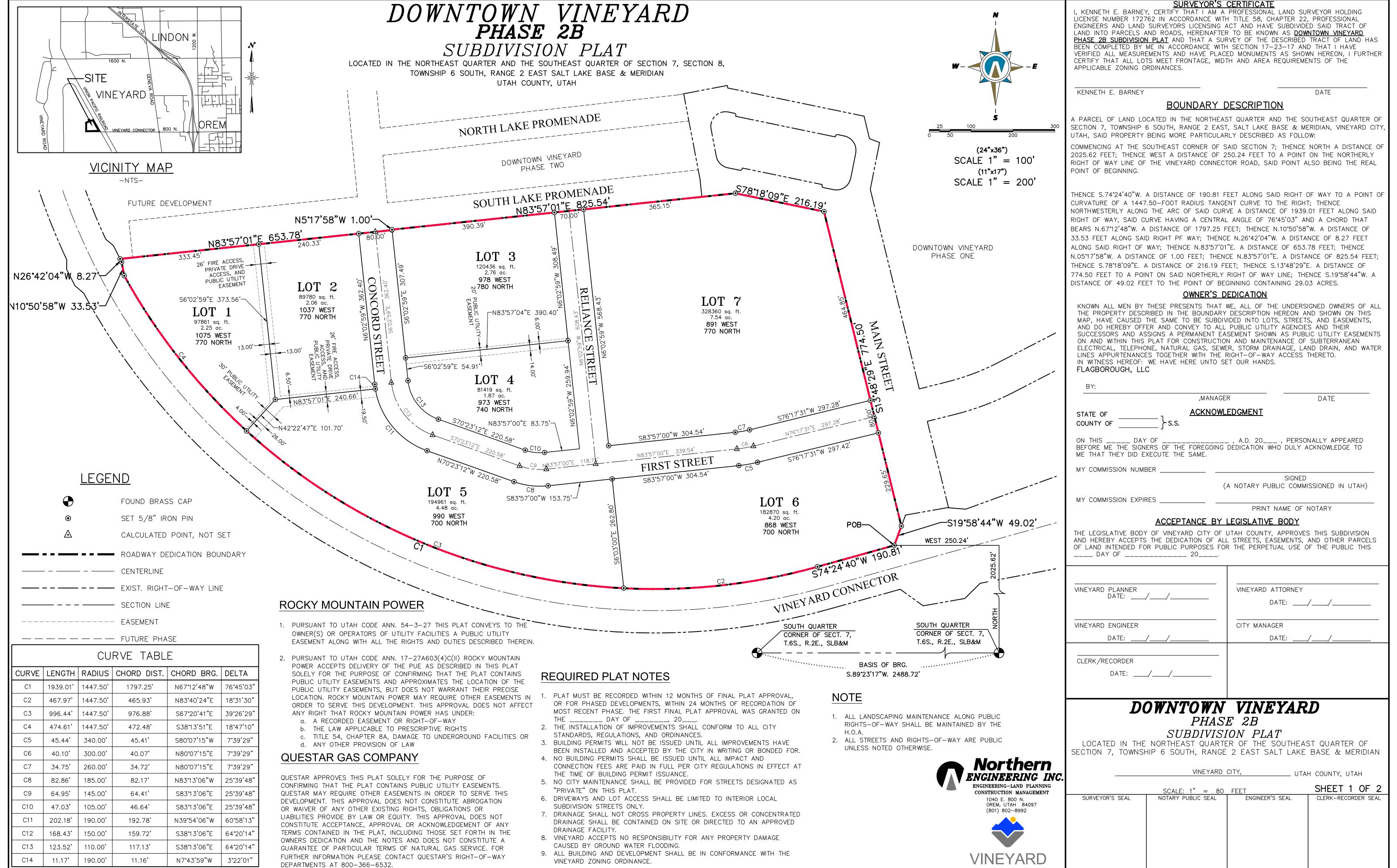
- 1. The applicant pays any outstanding fees.
- 2. The applicant makes any redline corrections prior to the recordation of the plat.
- 3. All city and county requirements will need to be met prior to recordation of the plat.

#### PROPOSED CITY COUNCIL MOTION:

"I move to approve the Downtown Vineyard Phase 2B preliminary and final plat with the conditions as proposed."

#### **ATTACHMENTS:**

Scope of Work Narrative Downtown Vineyard Phase 2B



#### **Phase 2B Scope of Work Narrative**

#### October 20, 2022

Vineyard City Staff -

Phase 2B our next RDA Backbone Roadway and Infrastructure project which will open up access through completing the street network on the southwest corner of the Downtown Vineyard Mixed-Use district. Sewer, Water, Storm Drain, Power, Gas, & Communication will all be provided to blocks 2, 3, 4, 5, & 6 of the Downtown Vineyard Master Plan.

Roadway and infrastructure will tie into the 1<sup>st</sup> intersection on Main Street north of 800 North and run west along Concord Street which turns north up to the Lake Promenade. Reliant Street tees into Concord Street and runs north to the Lake Promenade.

This plat will provide building lots for Block 5 Buildings A-E and Block 6 Building A which are currently in for Site Plan review.

Please let us know if any additional information is needed at this time.

Best,

**Bronson Tatton** 

emant. How

Flagborough, LLC



Meeting Date: April 26<sup>th</sup> 2023 Agenda Item: 7.6 Liberty Defenders

**Department:** Admin **Presenter:** Anna Nelson

#### **Background/Discussion:**

Liberty Defenders have applied for a special event permit for an event at Grove Park on 5/27/2023 from 1:00 to 4:00.

They are anticipating 200 participants in attendance.

They would like to use Grove Park soccer fields and have 30 vendors, a stage for speakers, food trucks, and a bounce house.

We are supportive of hosting events like this and have attempted to facilitate this as much as possible. We have met as staff to make sure that we provide this recommendation that will work for each of the staff members involved.

#### **Impact:**

- All of the parking is required at the park including the detention area to ensure enough parking is available for the participants at the event.

#### **Recommendation:**

We are recommending two conditions for approval.

1. Parking plan

We are recommending that an adequate parking plan is required to ensure enough parking is provided for all participants. This would include approval from Trailside. And the use of the park's parking lot.

#### 1. Rental fee

We are recommending the following Fees and Deposits based on our Consolidated Fee Schedule:

#### Fees:

Special Event Fee: \$75.00Facility Field Rental Fee: \$400

- A Facility Pavilion Rental Fee: \$150

#### Refundable Deposits:

Field Rental Deposit: \$300Pavilion Rental Deposit: \$150Bounce House Deposit: \$100



- For a total of \$625 in fees and a \$550 deposit. That amount will cover the direct maintenance and repair costs as well as the staff time required during and after the event.

#### **Sample Motion:**

I move to approve the special events permit for Liberty Defenders at Grove Park on May 27<sup>th</sup> with the two conditions that have been recommended by staff.

#### **Attachments:**

See attached Special Event Applications and site plans

Special Events Department 125 South Main St. (801)226-1929



FOR OFFICE USE ONLY	
Application Received	
Fee Paid	

## Special Event Permit Application

The following application must be submitted 30 days prior to the scheduled event, and the permit must be obtained a minimum of one week prior to the event. This application DOES NOT constitute a valid Special Event Permit until approved by the City.

	ORMATION	
Name of Applicant:	Jake Daks	Date of application: 2-20-23
Applying in behalf of (if	other than self;	
	Liberty Dete	indars
Email address:	fenders liberty a gmail.	
MARKET ARTERS	45 E. 230 S.	
S panish	State: Zip	84660 801-235-4396
Name of Event:	berty United Fest	ival
The second secon	5-27-2023	
EVENT INFORM	IATION	
Name of Event:	-1 borty United Fes	tival
Date of Event:		Number of people arricipated at event: 200
Setup	Start time: ['-D0 pvn.	End time:
Cleanup:	Start time:	End times 4:00 P-No
Type of Event	Eq.	and a sciented education of plant
☐ Athletic ☐ E	Entertainment 🖾 Other:	mily priented Educational ovent
Brief Description of	Event: A Community eve	nt meant to bring people
together	for fun & educati	<u>on</u>
ANIII VAlence ment attended	s be used?  Yes  No W	Ill streets need to be closed/blocked to traffic?   Yes   No
If any portion of a st		need to provide barricades. As a consideration for this permi
		ant agrees to:
<ol> <li>Rent or secure ban</li> </ol>	ricades from a licensed barricade comp	sany.

5. Ensure that barricades will be conspicuously displayed and lighted if the event takes place prior to dawn or after dusk.

Assume all liability of erection and maintenance of berricades.
 Clean up the area upon termination of the permitted use.

4. Assume all liability for the applicant's use of the street during the specified period.

Will you be using portable toilets?   Yes   No	Have you made arrangements for trash disposal? ☑ Yes ☐ No
Will your event include the use of a Vineyard pavillon	? ☐ Yes ☐ No If yes, a pavilion reservation is also required.
Will your event include the use of a bounce house or i	nflatable play equipment? ☑ Yes ☐ No
If yes, a refundable \$200 deposit is required, city property due to bounce houses/inflatables	Additional fees may be assessed after the event for any damages on .
Vendors/Food/Alcohol	
Will there be vendors selling products or services?	Yes 🗆 No
If yes, we require the Temporary Sales Tax No vendors. Please complete the attached Vendo	umbers from the State of Utah Special Events Tax Division for all r Information sheet.
If vendors are selling food, submit a copy of t	heir Utah County Health Department Permit.
	C Temporary Liquor License or Class D Temporary Beer License OHIBITED on City property. (Vineyard Municipal Code Chapter 8-
Law Enforcement/Security Services	
	i, and based on event type and number of attendees, the Utah er of law enforcement personnel required for the event, if any.
	nt. If you are in need of any law enforcement services for your attached Agreement for Supplemental Law Enforcement Services.
By submitting a signed application, the approxim certificause for rejection or revocation of the permit. The approximation and facilities.	rive unacrassiying any unormation on this application constitutes oplicant agrees to pay additional fees as required for the use of City
Applicant's Name (please print):	te oaks
Applicant's Signature:	Date: 02/20/23
CI	TY APPROVAL
City Personnel for Event	Number of Hours Fee Paid \$
Utah County Sheriff Personnel for Event	Number of Hours Fee Paid S
This application has been reviewed, including verifi- fees have been paid.	ication of required insurance and other information, and required
Vineyand Public Works Department	Date
Utah County Sheriff's Office	Date
Vineyard Special Events Department	Date

### **Liberty United Festival May 27th,2023**

#### **Event Description & Estimate turnout:**

The purpose of this event is to provide a opportunity for community members across the valley to come together in a positive spirit of union, and honor Veterans as well as active military. Our last event only had about 200 people and we expect that this would be similar.

#### Parking:

We will have adult volunteers managing the parking for our event. We plan on using Trailside Elementary school's parking lot with their permission, along with Grove parks parking lot. Our last event only had about 200 people and our crowd being families, we expect less cars than the number of people. There was concern about an event last year taking place on memorial day weekend with the splash pad opening but with our event being just in the South East end of the park we didn't see any interference with residents ability to use the splash pad and that should be the case this year as well.

#### **Crowd Control:**

We will have adult volunteers directing the patrons in and to where they need to go. We will also have a private security team of 8 to cover security both for the crowd and also the stage.

#### **Security / Safety Plan:**

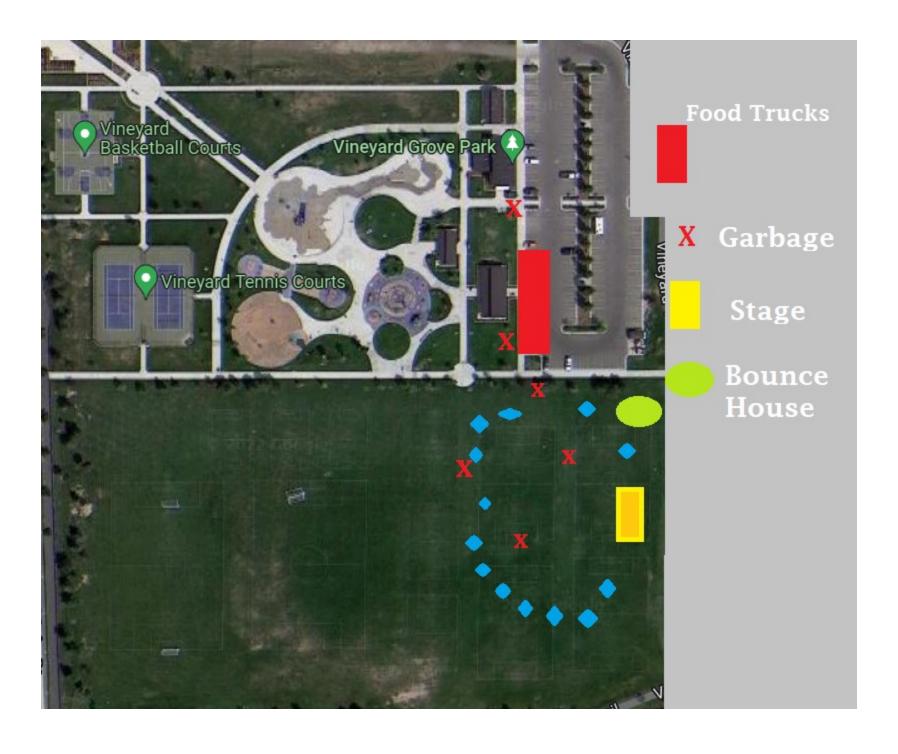
This event being mainly attended by parents and family members within the community. We don't anticipate having major security issues. We will have a private security team present before, during the entire event, and as the event wraps up watching all of the equipment and acting as our security guards for both patrons as well as the stage. The staff members will have direct contact with Utah County Sheriff's if any problem arises.

#### **Communication Plan:**

The managers and volunteers will have lanyards with contact information included. The security team and/or volunteers will have radios to communicate with each throughout the event.

#### **Trash Collection Plan:**

We will have volunteers picking up trash during the 3 hour event. In addition to the parks trash cans, we will have 2 trash cans we will be bringing ourselves. Our last event like this back in 2022 there was lots of trash covering the field before we showed up and we left the field in a better state than what we left it. We will leave the park in good condition and as far as trash we will do our best to clean up the park from trash that isn't ours either. We will be taking the trash to North Pointe Solid Waste Special Service District located in Lindon, UT. We will work with the Parks Manager closely to make sure the dumpsters aren't overflowing.





Meeting Date: April 26<sup>th</sup> 2023 Agenda Item: 7.7 Pro-Life Utah

**Department:** Admin **Presenter:** Anna Nelson

#### **Background/Discussion:**

Pro Life Utah has applied for a special event permit, The Utah Life Festival, an event at Grove Park on 6/24/23 from 3:00 to 6:00.

They are anticipating 400 participants in attendance.

They would like to use Grove Park soccer fields and have 10 -15 vendors, a stage for speakers, 3 food trucks, and 6 bounce houses.

We are supportive of hosting events and have attempted to facilitate this as much as possible. We have met as staff to make sure that we provide this recommendation that will work for each of the staff members involved.

#### **Impact:**

- All of the parking is required at the park including the detention area to ensure enough parking is available for the participants at the event.

#### **Recommendation:**

We are recommending two conditions for approval.

1. Parking plan

We are recommending that an adequate parking plan is required to ensure enough parking is provided for all participants. This would include approval from Trailside or Freedom elementary. And the use of the park's parking lot.

1. Rental fee

We are recommending the following Fees and Deposits based on our Consolidated Fee Schedule:

#### Fees:

Special Event Fee: \$100.00Facility Field Rental Fee: \$400

- A Facility Pavilion Rental Fee: \$150

Refundable Deposits:

Field Rental Deposit: \$300Pavilion Rental Deposit: \$150Bounce House Deposit: \$100



- For a total of \$650 in fees and a \$550 deposit. That amount will cover the direct maintenance and repair costs as well as the staff time required during and after the event.

#### **Sample Motion:**

I move to approve the special events permit for Pro Life Utah at Grove Park on June 24<sup>th</sup> with the two conditions that have been recommended by staff.

#### **Attachments:**

See attached Special Event Applications and site plans

Special Events Department 125 South Main St. (801)226-1929 annan@vineyardutah.org

APPLICANT INFORMATION



FOR OFFICE USE ONLY			
Application Received			
Fee Paid			

## **Special Event Permit Application**

The following application must be submitted 30 days prior to the scheduled event, and the permit must be obtained a minimum of one week prior to the event. This application DOES NOT constitute a valid Special Event Permit until approved by the City.

Name of Applicant; Mary	Kelsch (Pro-	life Utal	1) 4/4/23
Applying in behalf of (if other than			
Email address: Mary.)	kelsch@prolifeut	ah org	
Mailing Address:	4 95745		·
city: South J	ordan State: Zip C	ode: 84095	Phone: 801-842-2770
Name of Event:		Uta	h Life Festival
Date of Event:	24/23		
EVENT INFORMATION	I		,
Name of Event:	W+	ah Life	Festival
Date of Event: 61241	23	1	e anticipated at event: 50 - 400
Setup:	Start time: 1 pm	End time: 3	pm
Cleanup:	Start time: 6 pm	End time:	pm
<b>Type of Event</b>			
☐ Athletic ☐ Entertain	ment	Α	
Brief Description of Event: _	This will be	a fun,	family friendly
event. Ever	yone is we	lcome.	We hope to
have boun	ce houses,	food true	cks, and booths.
Will Vineyard streets be used	? □ Yes ☑ No Wil	l streets need to be c	losed/blocked to traffic?   Yes   No
If any portion of a street is cl		need to provide barrion to agrees to:	eades. As a consideration for this permit,

- 1. Rent or secure barricades from a licensed barricade company.
- 2. Assume all liability of erection and maintenance of barricades.
- 3. Clean up the area upon termination of the permitted use.
- 4. Assume all liability for the applicant's use of the street during the specified period.
- 5. Ensure that barricades will be conspicuously displayed and lighted if the event takes place prior to dawn or after dusk.

Will you be using portable toilets? ☐ Yes ☐ No Have you	ou made arrangements for trash disposal? 🗹 Yes 🗆 No
Will your event include the use of a Vineyard pavilion? ☐ Yes	☐ No If yes, a pavilion reservation is also required.
Will your event include the use of a bounce house or inflatable p	lay equipment? 🗹 Yes 🗆 No
If yes, a refundable \$200 deposit is required. Additional city property due to bounce houses/inflatables.	fees may be assessed after the event for any damages on
Vendors/Food/Alcohol	
Will there be vendors selling products or services? $\square$ Yes $\square$ Y	No
If yes, we require the Temporary Sales Tax Numbers fro vendors. Please complete the attached Vendor Informati	
If vendors are selling food, submit a copy of their Utah (	County Health Department Permit.
If vendors are selling alcohol, a separate Class C Temporis required. Please note that alcohol use is PROHIBITED 300)	rary Liquor License or Class D Temporary Beer License O on City property. (Vineyard Municipal Code Chapter 8-
Law Enforcement/Security Services	
Each special event permit application will be reviewed, and base County Sheriff's Department will determine the number of law e	
We contract with the Utah County Sheriff's Department. If you event, please contact them at (801)794-3970. See the attached A	
By submitting a signed application, the applicant certifies that facuuse for rejection or revocation of the permit. The applicant agreevices and facilities.	rees to pay additional fees as required for the use of City
Applicant's Name (please print): Mary Kels	sch
Applicant's Signature:	Date: 4/4/23
CITY APPR	OVAL
City Personnel for Event	Number of Hours Fee Paid \$
Utah County Sheriff Personnel for Event	Number of Hours Fee Paid \$
This application has been reviewed, including verification of r fees have been paid.	equired insurance and other information, and required
Vineyard Public Works Department	Date
Utah County Sheriff's Office	Date
Vineyard Special Events Department	Date

Food mucks

Samuel

Sa

Vineyard Trail

WHO CO

Vineyard Trail



Meeting Date: April 26th, 2023

Agenda Item: 7.8 Invoice for World Trade Center Utah

**Department: City Manager** 

Presenter: Ezra Nair

#### **Background/Discussion:**

Per recommendation from the city council retreat, the appropriation of funding at our March 8<sup>th</sup> Redevelopment Agency Meeting and subsequent discussions, the city manager's signature on the invoice ratifies the approval of the agreement with World Trade Center Utah for the city's ambassador membership. The ambassador membership includes board membership to the global advisory board, trade missions, sponsorship, and economic development opportunities. https://www.wtcutah.com/board/#global-advisory-board.

#### **Fiscal Impact:**

\$50,000

#### **Recommendation:**

Staff recommends the City Council ratify the approval of the invoice with World Trade Center Utah.

#### **Sample Motion:**

I move that the city council ratifies the signature of the city manager on the invoice with World Trade Center Utah for an Ambassador membership.

#### World Trade Center Utah

10,0701,4105

WORLD TRADE CENTER®

60 E South Temple, Suite 300 Salt Lake City, UT 84111 US billing@wtcutah.com

#### INVOICE

BILL TO

Vineyard 125 S Main Street Vineyard, Utah 84059 United States INVOICE

2024

DATE TERMS 04/01/2023

DUE DATE

4/1

Net 30 05/01/2023

DATE

ACTIVITY

**AMOUNT** 

04/01/2023

Ambassador Membership - Network 04/01/2023-03/31/2024 - Vineyard

50,000.00

Thank you for your support of WTC Utah. Please contact WTC Utah Finance, Jennifer Nakao, with any questions. (801) 718-5433 or billing@wtcutah.com.

**BALANCE DUE** 

\$50,000.00

My Bi



Meeting Date: April 26th, 2023

Agenda Item: 7.9 Interlocal Agreement by and between the Vineyard RDA and Vineyard

City for Administration of Tax Increment Funds in the HTRZ (Resolution 2023-20)

**Department: City Manager** 

Presenter: Ezra Nair

#### **Background/Discussion:**

Pursuant to Utah Code Annotated § 63N-3-6 the City Council voted on August 10, 2022 to move forward with an application for a special zoning district allowed under state law. At our last meeting on April 12<sup>th</sup> 2023, the city council voted to appoint the Vineyard Redevelopment Agency (RDA) to administer the Vineyard Housing and Transit Reinvestment Zone (HTRZ) funds. This agreement confirms that appointment and authorizes funds to be paid directly to the agency in the same manner as other tax increment within the RDA.

#### **Fiscal Impact:**

Tax Increment will be paid to the RDA as anticipated when the HTRZ was approved.

#### **Recommendation:**

Recommendation:

Staff recommends the City Council approve Resolution 2023-20 approve the interlocal agreement for the administration of Tax Increment funds for the HTRZ.

#### **Sample Motion:**

I move that the board approves Resolution 2023-20 to approve the interlocal agreement by and between the Vineyard RDA and Vineyard City for the Vineyard HTRZ.

#### **RESOLUTION 2023-20**

#### A RESOLUTION OF THE VINEYARD CITY COUNCIL APPROVING AN INTERLOCAL AGREEMENT WITH THE VINEYARD REDEVELOPMENT AGENCY FOR THE VINEYARD HOUSING AND TRANSIT REINVESTMENT ZONE

WHEREAS, on December 12, 2022, a Housing and Transit Reinvestments Zone Committee for the Utah Governor's Office of Economic Opportunity approved the creation of a Housing and Transit Reinvestment Zone ("HTRZ") area within Vineyard City; and

WHEREAS, the City of Vineyard (the "City") has appointed the Vineyard Redevelopment Agency (the "Agency") to oversee the HTRZ and administer the HTRZ Funds; and

WHEREAS, the City and Agency desire to enter into an Interlocal Agreement so the Agency can receive and administer the HTRZ Funds for the City;

NOW THEREFORE BE IT RESOLVED BY THE GOVERNING BODY OF VINEYARD AS FOLLOWS:

Section 1. <u>Approval</u>. The City Council of the City of Vineyard hereby approves that certain Interlocal Agreement, attached hereto as Exhibit A and incorporated herein by reference. The Mayor of the City is hereby authorized to execute the Interlocal Agreement for and in behalf of the City.

Section 2. <u>Severability</u>. If any section, part or provision of this Resolution is held invalid or unenforceable, such invalidity or unenforceability shall not affect any other portion of this Resolution, and all sections, parts and provisions of this Resolution shall be severable.

Section 3. <u>Effective Date</u>. This Resolution shall become effective immediately upon its approval by the City Council.

. 2023.

	Mayor Julie Fullmer
Attest:	
City Recorder	

day of

Passed and dated this

# INTERLOCAL AGREEMENT by and between the VINEYARD REDEVELOPMENT AGENCY and the CITY OF VINEYARD for the VINEYARD HOUSING AND TRANSIT REINVESTMENT ZONE

THIS INTERLOCAL AGREEMENT ("Agreement"), is entered into as of this	_ day of
, 202, by and between the VINEYARD REDEVELOPMENT AGE	NCY, a
political subdivision of the State of Utah (the "Agency"), and VINEYARD CITY, a	political
subdivision of the State of Utah (the "City"). The Agency and the City may be referred to indi	vidually
as a "Party" and collectively as the "Parties".	-

- **A. WHEREAS** on December 12, 2022, a Housing and Transit Reinvestment Zone Committee for the Utah Governor's Office of Economic Opportunity ("Committee") approved the creation of a Housing and Transit Reinvestment Zone ("HTRZ") area within Vineyard City; and
- **B.** WHEREAS pursuant to Utah Code § 63N-3-607(1), the City is entitled to receive tax increment funds generated within the HTRZ ("HTRZ Funds") and must use the HTRZ Funds in accordance with Utah Code § 63N-3-607. The HTRZ Funds collection period will run for twenty-five (25) years beginning on January 1, 2028 ("HTRZ Collection Period"); and
- **C. WHEREAS** pursuant to Utah Code § 63N-3-607(2)(c)(i), the City has appointed the Agency to oversee the HTRZ and administer the HTRZ Funds; and
- **D.** WHEREAS pursuant to Utah Code § 63N-3-607(2)(c)(ii), the City and Agency desire to enter into this Agreement so the Agency can receive and administer the HTRZ Funds for the City; and
- **E. WHEREAS** the provisions of applicable Utah State law shall govern this Agreement, including the Housing and Transit Reinvestment Zone Act, Title 63N Chapter 3 of the Utah Code (the "Act").
- **NOW, THEREFORE,** in consideration of the mutual promises set forth herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:
- 1. <u>HTRZ Funds.</u> The City shall distribute all HTRZ Funds to the Agency so the Agency can administer and distribute the funds in accordance with applicable law and the participation agreement entered into by and between the Agency and Flagborough L.L.C., a Delaware limited liability company, as the participant, executed as of even date herewith. The City hereby authorizes and directs Utah County officials and personnel to pay directly to the Agency all amounts due to the Agency under this Agreement in accordance for the periods described herein.
- **2.** Acknowledgement by City. The City agrees and acknowledges that the development of the HTRZ area, the installation of public infrastructure, and the generation of HTRZ Funds is the responsibility of the developer of and/or property owners in the HTRZ area and that the Agency has no obligations relating to development within or for the benefit of the HTRZ area other than those express

obligations as may be contained in this Agreement or in a participation agreement entered into between the Agency and a participant.

- **3.** <u>Third-Party Beneficiary.</u> Except for Flagborough L.L.C., a Delaware limited liability company, which is an intended third-party beneficiary under this Agreement and the developer of the HTRZ area, this Agreement is solely for the benefit of the Parties hereto and shall be enforceable by no other individual or entity.
- **4.** <u>Interlocal Cooperation Act.</u> In satisfaction of the requirements of Title 11, Chapter 13 of the Utah Code (the "Cooperation Act") in connection with this Agreement, the Parties agree as follows:
  - **a.** This Agreement shall be authorized and adopted by resolution of the legislative body of each Party pursuant to and in accordance with the provisions of Section 11-13-202.5 of the Cooperation Act.
  - **b.** This Agreement shall be reviewed as to proper form and compliance with applicable law by a duly authorized attorney in behalf of each Party pursuant to and in accordance with the Section 11-13-202.5(3) of the Cooperation Act.
  - **c.** Once executed, a copy of this Agreement shall be filed immediately with the keeper of records of each Party pursuant to Section 11-13-209 of the Cooperation Act.
  - **d.** The Chair of the Agency is hereby designated the administrator for all purposes of the Cooperation Act.
  - **e.** Following the execution of this Agreement by all Parties, the Agency shall cause a notice regarding this Agreement to be published on behalf of all Parties in accordance with Section 11-13-219 of the Cooperation Act.
- **5.** Modification and Amendment. Any modification of or amendment to any provision contained herein shall be effective only if the modification or amendment is in writing and signed by all Parties and with Master Developer's consent. Any oral representation or modification concerning this Agreement shall be of no force or effect.
- **6. <u>Further Assurance.</u>** Each of the Parties hereto agrees to cooperate in good faith with the others, to execute and deliver such further documents, to adopt any resolutions, to take any other official action, and to perform such other acts as may be reasonably necessary or appropriate to consummate and carry into effect the transactions contemplated under this Agreement. Further, in the event of any question regarding the calculation or payment of amounts contemplated hereunder, the Parties shall cooperate in good faith to resolve such issue.
- 7. Entire Agreement. This Agreement constitutes the entire agreement between the Parties hereto pertaining to the subject matter hereof and the final, complete, and exclusive expression of the terms and conditions thereof. All prior agreements, representations, negotiations, and

understandings, whether oral or written and whether express or implied, of the Parties hereto are hereby superseded and merged herein.

- **8.** Governing Law. This Agreement shall be governed by, and construed and interpreted in accordance with, the laws of the State of Utah.
- 9. <u>Disputes.</u> In the event a dispute arises between the Parties with respect to the terms of this Agreement or the performance of any contractual obligation by one or both of the Parties, the Parties agree to submit the matter to formal and confidential non-binding mediation before any judicial action may be initiated, unless an immediate court order is needed or a statute of limitations period will run before mediation can be reasonably completed. A mediator will be selected by mutual agreement of the Parties. The Parties must mediate in good faith to resolve the dispute in a timely manner. Each party will be responsible for its own costs and one-half of the cost of the mediator. The place of mediation shall be Vineyard, Utah.
- **10.** <u>Interpretation.</u> The terms "include," "includes," "including" when used herein shall be deemed in each case to be followed by the words "without limitation."
- 11. <u>Severability.</u> If any provision of this Agreement shall be held invalid or unenforceable by any court of competent jurisdiction or as a result of future legislative action, and if the rights or obligations of any Party hereto under this Agreement will not be materially and adversely affected thereby,
  - **a.** such holding or action shall be strictly construed;
  - **b.** such provision shall be fully severable;
  - **c.** this Agreement shall be construed and enforced as if such provision had never comprised a part hereof;
  - **d.** the remaining provisions of this Agreement shall remain in full force and effect and shall not be affected by the invalid or unenforceable provision or by its severance from this Agreement; and
  - **e.** in lieu of such illegal, invalid, or unenforceable provision, the Parties hereto shall use commercially reasonable efforts to negotiate in good faith a substitute, legal, valid, and enforceable provision that most nearly effects the Parties' intent in entering into this Agreement.
- **12.** <u>Assignment.</u> No Party may assign any rights, duties, or obligations under this Agreement without the prior written consent of all Parties hereto.
- **13.** <u>Authorization.</u> Each of the Parties hereto represents and warrants to the others that the warranting Party has taken all steps, including the publication of public notice where necessary, in order to authorize the execution, delivery, and performance of this Agreement by each such Party.

- **14.** <u>Time of the Essence.</u> Time shall be of the essence in the performance of this Agreement.
- **15.** <u>Incorporation of Recitals.</u> The recitals set forth above are hereby incorporated by reference as part of this Agreement.
- **16.** Counterparts and Signatures. This Agreement may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same agreement. This Agreement may be executed by electronic signature, which shall be considered as an original signature for all purposes and shall have the same force and effect as an original signature. Without limitation, "electronic signature" shall include faxed versions of an original signature or electronically scanned and transmitted versions (e.g., via pdf) of an original signature.

[Remainder of page intentionally left blank; signature pages to follow]



<b>ENTERED</b>	into	as of	the day	and v	year firs	t above	written.
----------------	------	-------	---------	-------	-----------	---------	----------

	AGENCY:
	VINEYARD REDEVELOPMENT AGENCY, a political subdivision of the State of Utah
	Name: Julie Fullmer Title: Chair
Attest:	
Name: Pamela Spencer Title: Secretary	
Attorney Review for the Agency: The undersigned, as counsel for the Vineyard Red Interlocal Agreement and finds it to be in proper for	
Name:	
[signatures contin	ue on next page l
Isignatures comm	ue on nem puge]

<u>CITY</u> :
VINEYARD CITY, a political subdivision of the State of Utah
Name: Julie Fullmer Title: Mayor

	Name: Julie Fullmer Title: Mayor
Attest:	
Name: Pamela Spencer Title: City Recorder	
Attorney Review for the City: The undersigned, as attorney for Viney finds it to be in proper form and in contact.	vard City has reviewed the foregoing Interlocal Agreement and applicable state law.
Name:	



**Meeting Date:** 4/26/2023

**Agenda Item:** 7.10 Vineyard Firework Restrictions

**Department:** Admin **Presenter:** Ezra Nair

#### **Background/Discussion:**

For the continued safety of residents and property Vineyard is requesting to restrict fireworks in wetland areas and in certain areas of Grove Park.

State Code 15A-5-202.5 outlines the authority for a city to restrict fireworks. Cities may restrict fireworks within 200 feet of waterways, trails, canyons, washes, ravines, or similar areas.

Last year we created a map that outlines the areas that we believe should be restricted this year. It is a 200-foot border along our lakeshore and a 200-foot border around the Grove Park wetlands and the wetlands between the Elms and the Meadows subdivisions. This year we are also adding the Grove Park Soccer fields to avoid damage to fields and only recommending allowing fireworks to be launched in the detention basin.

City Code 13.12.060 allows the City to approve the use of fireworks on public property. It is also proposed to permit fireworks in public open space at Grove Park as designated in the attached exhibit during the following calendar days: July 4<sup>th</sup> 11am-12pm, July 24<sup>th</sup> 11am-12pm, and December 31 11am-1am Jan 1<sup>st</sup>.

#### **Potential Impacts:**

N/A

#### **Recommendation:**

Staff recommendation is to approve the map designating the firework restrictions for the 2023 firework season and permit fireworks in public open space as presented.

#### **Sample Motion:**

I move to approve Ordinance 2023-18, the firework restrictions and permitted areas as presented by staff.

#### **Attachments:**

Ordinance 2023-18 Firework Restriction Map Open Space Fireworks Map

#### VINEYARD

#### **ORDINANCE NO. 2023-18**

# AN ORDINANCE OF THE CITY COUNCIL OF VINEYARD RESTRICTING THE USE OF PERSONAL FIREWORKS WITHIN CERTAIN PORTIONS OF THE CITY

WHEREAS, the Vineyard City Council finds that the current conditions existing within the State of Utah, Utah County and Vineyard City present dangerous conditions relating to fire danger due to the likely presence of excessive fuels for fires; and

WHEREAS, the Vineyard City Council further finds that the City, throughout all areas, contains innumerable brush covered, and grass covered areas and a very significant number of trees which, due to the above referenced conditions, present significant fuel for fires; and

WHEREAS, the City's fire code officials have provided an opinion to the City that the above-referenced findings of the City are accurate and the fire danger within the City is very likely to be extreme and that such danger would be reduced by prohibiting the discharge of personal fireworks within the City; and

WHEREAS, the Vineyard City Council has determined that the minimal restriction on public convenience which would occur through a restriction on the use of personal fireworks is significantly outweighed by the need to protect public health and safety and to take precautions to guard against the existing extraordinary fire danger;

**NOW, THEREFORE,** be it ordained by the City Council of Vineyard, Utah, as follows:

- **Section 1.** Restriction on Personal Fireworks. Pursuant to the provisions of the *Utah Code Ann.* 15A-5-202.5, and based on the findings as noted above, the use of personal fireworks is hereby restricted in all areas of the City indicated on Exhibit A, a copy of which is attached hereto and incorporated herein by reference. This restriction shall remain in effect until October 15, 2023, unless earlier terminated by action of the Vineyard City Council. This restriction shall not apply to permitted public fireworks displays authorized by the City and approved by the City's fire code official.
- **Section 2.** <u>Severability</u>. If any section, part or provision of this Ordinance is held invalid or unenforceable, such invalidity or unenforceability shall not affect any other portion of this Ordinance, and all sections, parts and provisions of this Ordinance shall be severable.
- **Section 3.** <u>Effective Date</u>. For the protection and preservation of public health and safety, this Ordinance shall take effect immediately upon its passage. The City Recorder is hereby directed to publish and/or post this Ordinance forthwith.

PASSED AND ADOPTED BY THE VINEYARD CITY COUNCIL APRIL \_\_\_\_, 2023.

	AYE	NAY	ABSENT	ABSTAIN
Mayor Julie Fullmer Tyce Flake Amber Rasmussen Mardi Sifuentes Cristy Welsh				
			<del></del>	
			<del></del>	
Presiding Officer		Attest		
Julie Fullmer, Mayor, Vineyard		Pamela Spencer, City Recorder Vineyard		



# VINEYARD CITY OPEN SPACE FIREWORKS AREAS



- FIREWORKS PERMITTED IN DESIGNATED PUBLIC OPEN SPACE AREAS AS SHOWN ON MAP FROM JULY 4TH 11AM-12PM, JULY 24TH 11AM-12PM, AND DECEMBER 31 11AM-1AM JAN 1ST.
- FIREWORKS ARE PROHIBITED IN ALL OTHER VINEYARD CITY PUBLIC OPEN SPACE AREAS.
- USE FIREWORKS AS DIRECTED BY MANUFACTURER.
- INDIVIDUALS ARE RESPONSIBLE TO CLEAN UP ALL DEBRIS AND MAY BE FINED FOR FAILURE TO CLEAN UP DEBRIS.



City of Vineyard
Software Systems Audit
Near Term Roadmap

April 26, 2023 Karoline Pershell, PhD

## Agenda



- Project Context
- Alignment with General Plan
- Smart Cities Projects Reviewed and Near Term Roadmap
- Selected Trails Project
- Pricing Model



## Project Context (p.3)

**Request:** Analyze opportunities for smart city growth that improve the resident experience, reduce costs on the city, and support Vineyard's needs in water and environmental management.

SRT Labs recommendations are through the lens of:

- Creating an interconnected, flexible base layer for smart city technologies, so as to allow for new and better technologies to be layered in over time;
- Beginning by optimizing existing infrastructure; and
- Improving data collection, analysis, automations and communications to affect leadership, city staff and residents.



## Alignment with General Plan (p.3)



Heritage + Cultural Resources



Land Use



Open Space, Parks + Trails



**Economic Development** 



Transportation



**Public Facilities + Services** 



Moderate Income Housing



Technology

## **Technology Goals**

- Establish and maintain a flexible technology infrastructure that supports economic development goals, City services, and transportation infrastructure.
- Continue to utilize and adopt advances in technology to enhance City services and improve communication and public access to all services, planning, decision making and activities.



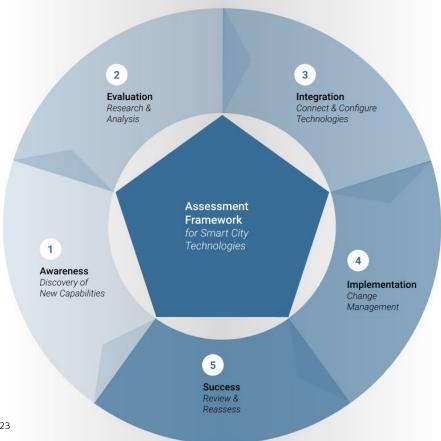
## Smart City Projects Reviewed

Overview of Findings



## Assessment Framework (p.4)

For Smart City Technologies



# Smart Technologies Considered (p.5)



1

Awareness
Discovery of New Capabilities

2

**Evaluation**Research & Analysis

3

Integration
Connect & Configure
Technologies

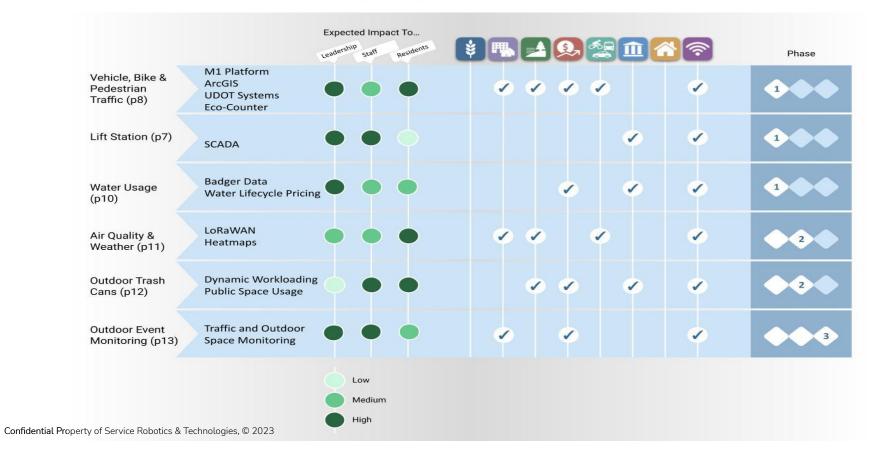
City App
Wayfinding Signage
Smart Street Lights
Dog Waste
Blyncsy
Drone Tracking
City Parking App
City Parking Sensors
Location Tracking Parking
Passes
Water Quality Monitoring

Asset Management (x3)
Connected Irrigation (x2)
Hydrant Pressure (x4)
Weather (x27)
Trash Level (x11)
Air Quality (x4)
Traffic Monitoring (x4)

Lift Stations
Vehicle, Bike, and Pedestrian
Traffic
Water Usage
Air Quality & Weather
Outdoor Trash Cans
Outdoor Event Monitoring



# Near Term Roadmap (p.6)





# Vehicle, Bike, and Pedestrian Traffic Monitoring

### Recommended Approach

#### **Intersection Traffic Monitoring**

- Implement vehicle, bike, and pedestrian traffic monitoring at key intersections in Vineyard.
- This will provide data to monitor traffic counts throughout the city, understand and improve the resident experience, assess public transit options, adjust traffic flow patterns, plan future infrastructure expansions, establish the need for state funding, and tie the data to other key metrics including air quality.

#### **Trail Monitoring**

- Implement and expand monitoring at trail entrances.
- Monitor trail usage, and provide insight on which trails to expand, how
  the trail is used in conjunction with the greater Utah trail system,
  schedule trail maintenance, and create publishable statistics on the
  expanding walkability and bikeability of the city.

#### **Software Integrations**

- Eco-Counter API
- ArcGIS

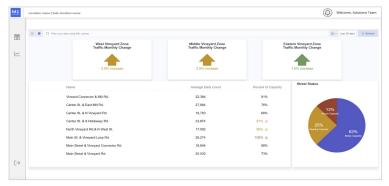








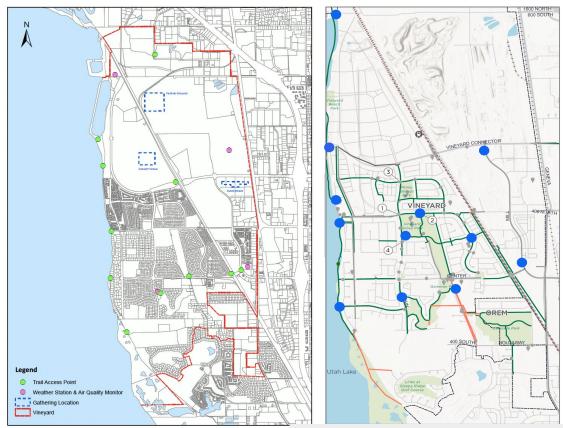




Final Report (p.8), Deployment Document (p.14)



# **Proposed Sensor Locations**

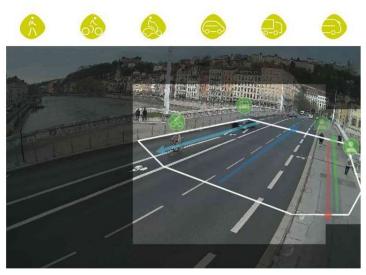


Final Report (p.8), Deployment Document (p.16)

# Hardware: EcoCounter CITIX-AI camera



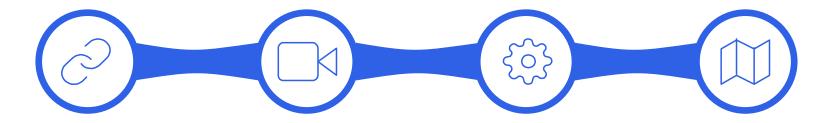
The CITIX AI is installed at 4 to 8 meters (13 'to 26') high. Best height for pedestrians/cyclists: 4m (13'), all users: 6m (19').



Detection zone and directions defined at installation. The AI differentiates between user types and gives their direction and speed.



# Pricing Model: Road and Trail Traffic



#### **Software Cost**

M1 Base Layer EcoCounter - ArcGIS

> \$14,703 One Time Cost

#### **Hardware Cost**

12 Cameras Hardware and Implementation

\$159,401 One Time Cost

#### **Annual Cost**

The first project carries the cost of the M1 Base Layer and software maintenance

\$25,397/yr Recurring Cost

#### **Outcomes**

Data to Back:

Funding Requests
Utah Trails Programs
Attract Businesses
Quality of Life Indicators

# **Thank You**



Contact Karoline Pershell with questions or for more information. karoline@srtlabs.com

## Hardware: EcoCounter CITIX-Al camera

### **Multi-Use Counters**

CITIX-AI (available summer 2022)

Multi-modazl & evolutive counter designed to count and differenciate pedestrians, cyclists and vehicles in an urban environment.

Counts	Pedestrians, cyclists, motorcycles, cars, trucks and buses with direction
Range	Up to 25 meters (82')
Installation	The sensor and power supply box are installed using hose clamps
Direction detection	Direction of users and vehicles is detected
Battery life	Electric power supply
Memory	Data is transmitted in real-time
Weatherproofness	IP 67
Temperature	-20°C to 70°C (-4°F to 158°F)



Sensor: CITIX-AI combines state-of-the-art artificial intelligence (AI) technology with a high precision image sensor to count and classify multiple user types: pedestrians, cyclists, motorcycles, cars, trucks and buses.

Installation: Set up in a high position, CITIX-AI covers an area up to 15 m (49') wide. Data is transmitted in 15 minute increments through 3G/4G technology to our Eco-Visio online platform, where is can be analysed and shared.

Log & Co



### Recommended Approach

#### **Pump Monitoring**

- Implement ongoing sewage pump power and vibration monitoring for effective preventative maintenance.
- Alerts for water on floors

#### **Wet Well Monitoring**

- Implement alerts based on wet well fill levels, functioning as a backup to the data already collected in the SCADA system.

#### **Environmental Monitoring**

- Implement air quality and HVAC health monitoring to track the environmental health conditions for staff.
- Implement occupancy monitoring and alerts for security in the pump well infrastructure.

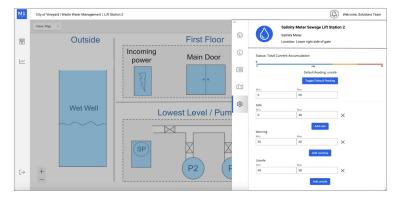
#### **Software Integration**

- M1 Platform
- SCADA











# Water Usage Monitoring

### Recommended Approach

#### **Culinary Water Monitoring**

- Integrate data from the Badger meters to track water data in an accessible platform, allowing for neighborhood-level or business district analysis and support tracking the full water cycle.

#### **Wastewater Monitoring**

- Implement wastewater flow meters to monitor wastewater usage by neighborhood, allowing for infrastructure monitoring and to assess revenue models for the full water cycle.

#### **Fire Hydrant Pressure Monitoring**

- Implement fire hydrant pressure meters at key locations to ensure firefighting preparedness.

#### **Software Integration**

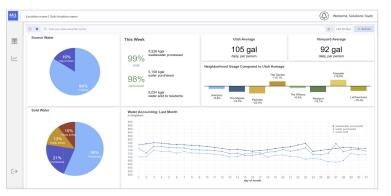
- SCADA
- Badger Beacon
- Hach
- SmartCover Systems
- Mueller













# Air Quality and Weather Monitoring

### Recommended Approach

#### **Weather Monitoring**

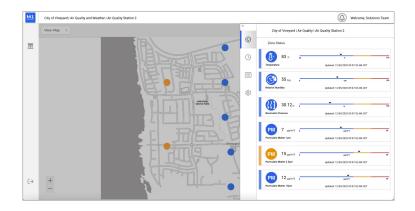
 The weather stations would track local air temperature, precipitation, humidity, and wind speed and direction. Tracking precipitation will inform the city's water cycle analysis, irrigation practices as well as planning for outdoor activities.

#### **Air Quality Monitoring**

The air quality stations would track metrics of interest to calculate a Vineyard-specific Air Quality Index (AQI), to include particulate matter, ozone, and carbon monoxide. This will give the City data to determine the localized air quality levels for outdoor events.

#### **Software Integration**

- LoRaWAN network
- Ubiq IOT (Weather)
- Tellus (Air Quality)















# **Outdoor Trash Can Fill Level Monitoring**

### Recommended Approach

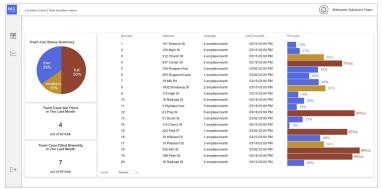
#### **Outdoor Trash Can Fill Level Monitoring**

 Implement bin fill level and bin tampering monitoring and alerts for fire safety. This will allow for optimizing collection scheduling and ensuring the safety of city-owned assets.

#### **Software Integration**

- BrighterBins













# **Outdoor Event Attendance Monitoring**

### Recommended Approach

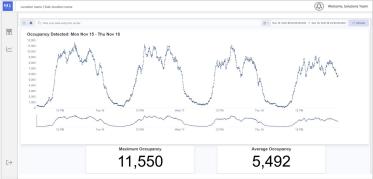
#### **Monitoring with Infrared Sensors**

- Implement infrared sensors in open spaces and on trails to count pedestrians. This will provide a highly accurate attendance count.

#### **Software Integration**

- Eco-Counter











# Smart City Planning Software Systems Audit and Project Planning Roadmap

City of Vineyard, Utah

March 2023



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### I. Project Overview

#### I.A. Project Context

The city of Vineyard engaged Service Robotics & Technologies (SRT Labs) to analyze opportunities for smart city growth that improve the resident experience, reduce costs on the city, and support Vineyard's needs in water and environmental management. Strategic planning to optimize existing infrastructure—while also looking forward towards infrastructure improvements—supports Vineyard's commitment to achieving major milestones in improving the quality of life in Vineyard while being financially responsible with taxpayer funds. SRT Labs has completed a review and provides the following recommendations through the lens of:

- Creating an interconnected, flexible base layer for smart city technologies, so as to allow for new and better technologies to be layered in over time;
- Beginning by optimizing existing infrastructure; and
- Improving data collection, analysis, automation, and communications to affect city staff and residents.

#### I.B. Project Objectives

To support Vineyard's growth as a connected city, SRT Labs proposed to complete:

- A Software Systems Audit, a review of selected existing software systems for integration to determine ability for integration, level of effort, and potential outcomes for Vineyard if integrated.
- An assessment of potential projects of interest for Vineyard, with preliminary research for several projects and detailed project planning for the highest priority projects.
- A Smart City Roadmap, with SRT's recommendations for prioritization of projects based on interest, cost, and estimated value to the city. The goal of this work was to build a technical base layer for a smart city first, and then plan for layering in more features as budget and timelines allow.

#### I.C. Alignment with the Vineyard General Plan

Vineyard's <u>General Plan</u> references the eight elements of their city's planned growth (see Figure 1), as well as the goals and key activities that the city is undertaking to achieve the goals.

SRT Labs has recommended and prioritized projects based on the General Plan addressing six of Vineyard's eight elements: Land Use, Open Spaces, Parks + Trails, Economic Development, Transportation, Public Facilities + Services, and Technology.

Sections III and IV review the recommended projects, highlighting the value to Vineyard as it aligns with the intended goals of the General Plan. Throughout each project, we highlight the alignment with Vineyard goals using the icons in Figure 1.

Implementation of any of the recommended projects will bring great value to Vineyard, as all projects include software infrastructure to unify projects. This platform serves as a technical foundation for unified smart city growth, providing a multitude of possibilities for monitoring, analyzing, and automating across platforms.

















Figure 1. The eight elements of Vineyard's General Plan.

This Smart City Systems Audit provides recommendations for optimizing Vineyard's current infrastructure while laying the foundation for an interconnected, smart city technology framework. SRT Labs has recommended a phased implementation of projects to maximize resources. Regardless of the order of project selection, this work will reach **Vineyard's Technology goals**, which include:

- Establish and maintain a flexible technology infrastructure that supports economic development goals, city services, and transportation infrastructure.
- Continue to utilize and adopt advances in technology to enhance city services and improve communication and public access to all services, planning, decision-making, and activities.

SRT's *M1 Platform* is a technical base layer for smart cities that meets Vineyard's Technology goals by allowing for the integration of software and hardware, regardless of manufacturer. The *M1 Platform* was designed as a flexible framework that allows for the integration of new and developing technologies.

SRT's recommendations support city services by improving communication across platforms for city use.

### II. Roadmap

SRT Labs works through its Assessment Framework for Smart City Technologies (Figure 2), focusing a city on well-developed projects that meet their needs, while keeping an eye on the landscape. Implementation of new technologies will adjust and improve the way existing systems are utilized, so this cycle will continue as a means of improving access to information and services for Vineyard.

SRT Labs reviewed several potential projects that continue to be considered by Vineyard. Several of these projects remain in Step 1 (Awareness) or Step 2 (Evaluation) because the value of the project today is not yet sufficient. This could be due to factors such as:

- The technology is not yet mature enough to achieve the goals,
- The technology is not yet mature enough to be cost-effective, or
- A project is dependent on other factors being completed first.



Figure 2. Assessment Framework for Smart Cities.

Additionally, projects may already be underway

by other teams across Vineyard, and SRT Labs may not have been directed to review a project in depth. These projects are captured in Step 1 (Awareness). Figure 3 captures the current status of projects that SRT Labs discussed with Vineyard.



City App
Wayfinding Signage
Smart Street Lights
Dog Waste
Blyncsy
Drone Tracking
City Parking App
City Parking Sensors
Location Tracking Parking
Passes
Water Quality Monitoring

Asset Management (x3)
Connected Irrigation (x2)
Hydrant Pressure (x4)
Weather (x27)
Trash Level (x11)
Air Quality (x4)

Lift Stations
Vehicle, Bike, and Pedestrian
Traffic
Water Usage
Air Quality & Weather
Outdoor Trash Cans
Outdoor Event Monitoring

Figure 3. Smart city projects where Vineyard indicated interest in learning more.

SRT Labs initiated research on several smart city projects that are not recommended for Integration on the near term Roadmap. Preliminary research from certain items in the first column (Awareness) can be found in Section VI, and research for items in the second column (Evaluation), can be found in Sections V and VI.

SRT Labs recommends moving the projects shown in Figure 3 to Step 3 (Integration) in a phased approach. These projects support Vineyard staff and operations. This near-term roadmap (Figure 4) lists:

- The project name, corresponding to a Deployment Document for that project.
- The layers the project will add to Vineyard's base data layer of their smart city framework.
- The expected value to Vineyard leadership, staff, and residents.
- The alignment with elements of Vineyard's General Plan.



Figure 4. SRT's recommendations for prioritization of projects based on: the components that will be added to the technical base layer for the city; the value to Vineyard's leadership, staff, or residents; alignment with the General Plan; and, finally, alignment with the city's growth.

**Phase 1: Informs on Population and Infrastructure Growth.** The focus of Phase 1 is building a technical base layer for Vineyard first. Phase 1 projects were selected based on their value to the city's leadership, staff, and residents, the ability to integrate some of the most used and flexible software systems, and their applicability to Vineyard's vision for growth. The Phase 1 projects bring visibility of several metrics for city growth and health directly to leadership for easily accessible data that will inform strategic growth and requests for funding.

**Phase 2: Impacted by Population and Infrastructure Growth.** The focus of Phase 2 are projects that support a positive resident experience by monitoring, managing, and mitigating the effects of population growth, like trash waste and air quality factors that may be a result of increased traffic. While these are both meaningful to track as the population grows, these both represent elements that *respond* to human behaviors and hence SRT Labs has recommended these as Phase 2 projects.

**Phase 3: Most Relevant when Population or Infrastructure have Expanded.** The Phase 3 project that is scoped is dependent on future, planned infrastructure. SRT's recommendation is dependent on the networking infrastructure that Vineyard incorporates over the coming year(s), so we provide some options to support future decision-making.

### III. Proposed Projects and Value to Vineyard

SRT Labs recommends implementing the following six projects. Detailed implementation planning for each project is discussed in detail in their respective deployment documents. This section provides context for Vineyard's need for the projects, a summary of the solution to those needs, as well as a list of the new data analysis and value that the project would provide to stakeholders.

#### III.A. Lift Station Monitoring

**Context.** Vineyard's lift stations move wastewater from lower elevations to the higher elevations of a treatment facility. The systems are complex with multiple points of failure, meaning comprehensive monitoring is essential to their functionality. Vineyard is already using their SCADA system to monitor pump usage, including to track electrical current and voltage. SRT Labs recommends expanding monitoring for both new information and redundancy. Specifically, this would address Vineyard's interest in:

- Monitoring equipment health in the lift stations.
- Monitoring environmental conditions of the lift stations for staff health.
- Making information (beyond alerts) accessible to employees so they can diagnose and understand needs without being at the location.
- Providing overview information to leadership to reduce the paperwork burden on staff and bring transparency to the infrastructure needs for strategic planning.

Having a system with regularly scheduled informational updates can improve overall machine health and performance, minimize emergency fault scenarios, and reduce the system's impact on the environment.

**Proposed Solution.** This project is detailed in the Lift Station Monitoring Deployment Document. SRT Labs recommends expanding lift station monitoring to include the following:

- Pump Monitoring
  - Implement ongoing sewage pump power and vibration monitoring. Consistent data collection and analysis—rather than only in fault scenarios—will allow Vineyard to monitor the health of the pump motors over time, and schedule preventative maintenance more effectively.
  - Implement alerts based on the presence of water in undesired locations. This will help identify leaks in a timely manner.
- Wet Well Monitoring
  - Implement alerts based on wet well fill levels. This will help identify problems with the wet wells as they arise and function as a backup to the data already collected in the SCADA system.
- Environmental Monitoring
  - Implement air quality and HVAC health monitoring. This will track the environmental health conditions for attending staff.
  - Implement occupancy monitoring and alerts. This will support security for the employees and pump well infrastructure.
- Software Integration
  - Deploy the M1 Platform. This will provide a database layer for smart city deployments.
  - Integrate with the SCADA system. This will allow for redundant monitoring of vital systems, allow for data comparisons with new sensor monitoring, allow for key data to be shown in the M1 Platform so that staff has access to more information remotely, and support information sharing to Vineyard leadership.

**Value to Vineyard.** This project will monitor a vital infrastructure asset. The value of this project to stakeholder groups is as follows.

- Leadership
  - Key Performance Indicators (e.g., runtime hours) on the functioning of the Lift Stations, allowing for tracking of planned expansion or upgrades to this infrastructure.
  - Easily accessible to understand how planned events affect the city's infrastructure.
- City Staff
  - Data currently siloed in the SCADA system will be combined with data from IoT sensors to give a single-pane-of-glass, comprehensive view of all systems in the Lift Stations that can be accessed remotely.
  - Alerts when pump motors are out of specifications can inform predictive maintenance.
  - Expanded monitoring of environmental factors across the lift station.
- Residents
  - Assurance that vital infrastructure is being responsibly managed.



This project (and all future projects) supports the General Plan's goals for **Technology**:

Goal 1: Establish and maintain a flexible technology infrastructure that supports economic development goals, city services, and transportation infrastructure.

Goal 2: Continue to utilize and adopt advances in technology to enhance city services and improve communication and public access to all services, planning, decision-making, and activities.



This project supports the General Plan's goals for **Public Facilities + Services**:

Goal 3: Maintain and expand a stormwater management program that protects the health and safety of the public and can accommodate the city's rapid growth.

Goal 6: Ensure and protect the quality and long-term supply of water resources, groundwater, and surface water supplies.

#### III.B. Vehicle, Bike, and Pedestrian Traffic Monitoring

**Context.** Vineyard wants to support a positive resident experience by affirming that current and planned infrastructure aligns with use, specifically with regard to movement throughout the city. Monitoring vehicular traffic will provide valuable information to Vineyard as it grows. City officials can use traffic data to verify which roads see the most usage, which areas are the most dangerous, and what types of vehicles travel on different roads. This information will allow Vineyard to plan for future traffic patterns and infrastructure updates to improve traffic flow and road safety. Finally, as Vineyard is growing into a bikeable and walkable city, the City would like to monitor trail usage.

**Proposed Solution.** This project is detailed in the Vehicle, Bike, and Pedestrian Traffic Monitoring Deployment Document. SRT Labs recommends expanding monitoring to include the following:

- Intersection Traffic Monitoring
  - Implement vehicle, bike, and pedestrian traffic monitoring at key intersections in Vineyard. This will provide data to monitor traffic counts throughout the city, understand and improve the resident experience, assess public transit options, adjust traffic flow patterns, plan future infrastructure expansions, establish the need for state funding, and tie the data to other key metrics including air quality.

#### Trail Monitoring

o Implement and expand pedestrian and cyclist monitoring at trail entrances. This will monitor trail usage, and provide insight on which trails to expand, how the trail is used in conjunction with the greater Utah trail system, schedule trail maintenance, and create publishable statistics on the expanding walkability and "bikeability" of the city.

#### Software Integrations

- o Integrate with Eco-Counter API. This will allow vehicle, bicycle, and pedestrian count numbers to be integrated into Vineyard's city platform.
- o Integrate with ArcGIS. This will allow the city to visualize traffic data on its existing ArcGIS system, either for internal use or as part of its general land use database.

**Value to Vineyard.** This project will monitor vital infrastructure. The value of this project to stakeholders is as follows.

#### Leadership

- Traffic data counts over time support tracking city growth.
- Traffic data counts and relative usage from highways can be used for funding requests.
- Analysis of traffic changes over summer months can specify the traffic related to UVU students and support negotiations with UVU regarding support of UVU transit in Vineyard.
- Traffic counts can be used to draw businesses by demonstrating potential customer bases.
- Traffic data can indicate if road congestion is increasing, affecting residents' quality of life.
- Summary metrics on usage, such as the average number of visitors per trail per day, can demonstrate the involvement level of residents in Vineyard life.

#### City Staff

- Understanding the current traffic patterns, road usage, and travel times between key city attractions can inform adjustment of traffic patterns as Vineyard grows.
- Understanding the usage of the parks and trails will allow Parks & Recreation to justify how maintenance teams should be distributed across existing recreational areas.
- Understanding the usage of the parks and trails will allow Parks & Recreation to justify the allocation of resources for upgrades and maintenance.

#### Residents

 Summary statistics on street and trail usage, can be included in the ArcGIS Land Use Database, both to inform daily use and to provide information regarding how Vineyard's growth is being managed.



This recommended project supports the General Plan's goals for **Land Use**:

Goal 1: Enhance Vineyard's identity as a community with a high standard of living, a diverse economy, and a rich mixture of housing and recreational opportunities.

Goal 2: Participate in larger-scale, regional planning to coordinate land uses and to maintain regional networks.



This recommended project supports the General Plan's goals for **Economic Development**:

Goal 1: Create an effective and proactive business recruitment program that directs resources toward targeted businesses and industries.

Goal 5: Establish zoning that encourages strategic, accessible, and centralized economic centers that will integrate appropriately into the community.

Goal 6: Activate Vineyard's natural resources, including the lakefront and Utah Lake, to improve the tourism sector of the economy and attract new businesses.



This recommended project supports the General Plan's goals Open Space, Parks + Trails:

Goal Overall 1: Prepare a comprehensive Open Space, Parks + Trails Master Plan to strategically plan for and provide a framework for decision-making.

Goal Open Space 3: Increase the amount of publicly accessed open spaces provided throughout Vineyard.

Goal Trails 1: Enhance, improve, and connect the existing bicycle and pedestrian trail network throughout the city and to the regional trail network.

Lakefront 1: Ensure the Lakefront is an active, celebrated, and engaging place that residents and visitors enjoy visiting by improving and developing sections of the shoreline and making needed improvements to adjacent lands.



This recommended project supports the General Plan's goals for **Transportation**:

Goal 5: Adopt a Complete Streets Policy to ensure safe access for all users, including pedestrians, bicyclists, vehicles, and transit riders of all abilities.

#### III.C. Water Usage Monitoring

**Context.** The City of Vineyard seeks a comprehensive and accurate system to track the full cycle of water usage so that they can improve revenue models, provide more efficient maintenance services, and demonstrate their compliance with state-mandated water regulations. Some of the relevant information is already being collected by the city, but it is siloed in incompatible systems meaning city staff has to take action to look for a problem before it can be addressed. Integrating Vineyard's existing systems and layering in additional sensors will allow for more granular analysis of water usage and identification of issues. Additionally, monitoring both global water usage across the city as well as fire hydrant pressure will ensure the readiness of the city.

**Proposed Solution.** This project is detailed in the Water Usage Monitoring Deployment Document. SRT Labs recommends expanding monitoring to include the following:

- Culinary Water Monitoring
  - Integrate data from the Badger meters to track water data in an accessible platform, allowing for neighborhood-level or business district analysis and support tracking the full water cycle.
- Wastewater Monitoring
  - Implement wastewater flow meters to monitor wastewater usage by neighborhood, allowing for infrastructure monitoring and to assess revenue models for the full water cycle.
- Fire Hydrant Pressure Monitoring
  - o Implement fire hydrant pressure meters at key locations to ensure firefighting preparedness.
- Software Integrations
  - o SCADA
  - Badger Beacon
  - Hach
  - SmartCover Systems
  - Mueller

**Value to Vineyard.** This project will monitor a vital infrastructure asset. The value of this project to stakeholder groups is as follows.

- Leadership
  - Summary metrics to support Vineyard's effective water management on a per-resident basis in support of state-wide goals.
  - Summary analysis of city-wide water usage in support of state-wide goals.
- City Staff
  - Quickly localize maintenance concerns by live tracking of the water cycle per neighborhood (e.g., water in versus water out).
  - Provide data for revenue modeling and multi-year forecasting.
- Residents
  - Summary data can be pushed into a public ArcGIS layer, allowing residents to understand both culinary and irrigation water usage across the City.



This recommended project supports the General Plan's goals for Economic Development:

Goal 4: Ensure the City's long-term fiscal health by taking measures to establish a larger tax base of both property and sales tax revenues.



This recommended project supports the General Plan's goals for **Public Facilities + Services**:

Goal 3: Maintain and expand a stormwater management program that protects the health and safety of the public and can accommodate the City's rapid growth.

Goal 6: Ensure and protect the quality and long-term supply of water resources, groundwater, and surface water supplies.

### III.D. Weather and Air Quality Monitoring

**Context.** Vineyard is monitoring air quality in the city as the population and traffic are increasing. Having access to accurate, localized air quality data will allow the city to monitor and intelligently mitigate causes of poor air quality, as well as strategically plan weather-dependent events. Local air quality and weather data will allow citizens to make informed decisions about their daily activities. Additionally, information about precipitation levels will allow the city to optimize its irrigation system and water city grounds only when necessary, contributing to greater city goals for reducing water consumption.

**Proposed Solution.** This project is detailed in the Weather and Air Quality Monitoring Deployment Document. SRT Labs recommends providing Vineyard with two (2) weather stations and fifteen (15) air quality stations, allowing Vineyard to assess the air quality for the City's geographic footprint.

- Weather Monitoring
  - The weather stations would track local air temperature, precipitation, humidity, and wind speed and direction. Tracking precipitation will inform the city's water cycle analysis, irrigation practices as well as planning for outdoor activities.
- Air Quality Monitoring
  - The air quality stations would track metrics of interest to calculate a Vineyard-specific Air Quality Index (AQI), to include particulate matter, ozone, and carbon monoxide. This will give the City data to determine the localized air quality levels for outdoor events.
- Software Integrations
  - LoRaWAN network
  - Ubiq IOT (Weather)
  - Tellus (Air Quality)

**Value to Vineyard.** This project will monitor items that support public health and city planning. In addition, SRT Labs recommends installing the LoRaWAN network at this stage of project planning. The value of this project to stakeholder groups is as follows.

#### Leadership

- Summary metrics on weather and air quality can support demonstrations of the quality of life in Vineyard.
- Particulate matter pollution is a proxy measure for traffic congestion and will be used for determining the need for infrastructure updates to improve traffic flow.

#### City Staff

- Long-term trend analysis will support Vineyard in determining when mitigation efforts are needed, particularly with regard to traffic planning.
- Accurate local weather will support outdoor event planning.
- Air quality will affect the implementation of Vineyard's wetlands protections and planning.

#### Residents

Localized weather and air quality data can be pushed into a layer in the Public Basemap ArcGIS, allowing residents the same data the city uses for planning. This will support discussions regarding planning when all are familiar with the same data being used to make decisions.



This recommended project supports the General Plan's goals for Land Use:

Goal 2: Participate in larger scale, regional planning to coordinate land uses and to maintain regional networks.



This recommended project supports the General Plan's goals for **Transportation**:

Goal 2: Reduce auto dependency in Vineyard to improve air quality, reduce traffic congestion, and enhance the quality of life.



This recommended project supports the General Plan's goals Open Space, Parks + Trails:

Goal Overall 3: Broaden, enhance, and promote recreation opportunities and recreational tourism.

Goal Open Space 1. Protect existing wetlands and open spaces utilizing sustainable green infrastructure.

Goal Open Space 2. Support the formation and development of the Walkara Way Conservation Area.

#### III.E. Outdoor Trash Can Fill Level Monitoring

**Context.** The waste management needs of the city of Vineyard are growing along with its steadily increasing population. While household trash collection would remain unchanged in this first iteration of implementing this technology, Vineyard would like to remotely monitor outdoor trash cans in areas that do not get serviced on a regular schedule or with uneven use situations. Remote monitoring of trash cans can save 20% to 50% of the cost of traditional waste collection by reducing early collections, saving staff time, and reducing carbon dioxide emissions from unnecessary trips.

**Proposed Solution.** This project is detailed in the Trash Can Fill Level Monitoring Deployment Document. SRT Labs recommends monitoring to include the following:

Outdoor Trash Can Fill Level Monitoring

- o Implement bin fill level and bin tampering monitoring and alerts for fire safety. This will allow for optimizing collection scheduling and ensuring the safety of city-owned assets.
- Software Integration
  - Integrate with BrighterBins. This will allow for tracking trash can fill levels through a centralized platform.

**Value to Vineyard.** This project will monitor a vital infrastructure asset. The value of this project to stakeholder groups is as follows.

- Leadership
  - Summary statistics regarding this smart city initiative that saves the city labor costs, reduces emissions, and improves safety.
- City Staff
  - Analytics on the fill levels of trash cans across the City will inform pick-up schedules, as well
    as provide planning information on which cans are under- or over-served at each particular
    location.
  - Staff time and energy savings from only doing collections when bins are full.
  - Proxy analytics on the use of city parks and trails.
- Residents
  - Improving the resident experience by beautifying spaces.
  - Improved City air quality by reduction of unnecessary trash pickup trips.



This recommended project supports the General Plan's goals Public Facilities + Services:

Goal 2: Develop and maintain a progressive trash and recycling program that encourages sustainability and limits contribution to landfills.



This recommended project supports the General Plan's goals for Land Use:

Goal 1: Enhance Vineyard's identity as a community with a high standard of living, a diverse economy, and a rich mixture of housing and recreational opportunities.

Goal 4: Encourage a pattern of growth that reflects the City's ability to efficiently provide necessary services and anticipates the resource needs of future generations.



This recommended project supports the General Plan's goals Open Space, Parks + Trails:

Goal Open Space 1. Protect existing wetlands and open spaces utilizing sustainable green infrastructure.

#### III.F. Outdoor Event Attendance Monitoring

**Context.** Vineyard is planning to host a number of outdoor events each year and would like the ability to track the number of attendees while respecting an individual's privacy. Outdoor event attendance monitoring will provide meaningful information to the planning and execution of large events: tracking the return on investment for the event, measuring the effectiveness of its marketing for the event, ensuring the safety and comfort of the attendees by instilling an attendance cap when needed, and using attendance data from previous events to justify expanded resources for future events.

**Proposed Solution.** This project is detailed in the Outdoor Event Attendance Monitoring Deployment Document. SRT Labs proposes two (2) options for planning purposes for Vineyard. The final plan can be formalized when Vineyard decides to implement this project.

- Monitoring with Infrared Sensors
  - Implement infrared sensors in open spaces and on trails to count pedestrians. This will provide a highly accurate attendance count.
- Software Integrations
  - Integrate with Eco-Counter. This will allow the attendance data to be compiled and combined with other metrics.

**Value to Vineyard.** This project will supply data for city and event planning, as well as support data for attracting and retaining businesses and event sponsors. The value of this project to stakeholder groups is as follows.

- Leadership
  - Attendance counts at major events can be used to attract permanent businesses or sponsors for future events.
- City Staff
  - Attendance counts can inform crowd management and future event planning, including parking and shuttle options, the number of portable restroom facilities, or food and beverage requirements.
- Residents
  - Summary metrics can support reporting the success of an event, while residents can be assured of their privacy.



This recommended project supports the General Plan's goals for Open Space, Parks & Trails:

Goal Overall 2: Expand the Parks + Recreation department/program.

Goal Overall 3: Broaden, enhance, and promote recreation opportunities and recreational tourism.



This recommended project supports the General Plan's goals for Land Use:

Goal 1: Enhance Vineyard's identity as a community with a high standard of living, a diverse economy, and a rich mixture of housing and recreational opportunities.



This recommended project supports the General Plan's goals for **Economic Development**:

Goal 6: Activate Vineyard's natural resources, including the lakefront and Utah Lake, to improve the tourism sector of the economy and attract new businesses.

### IV. Conclusion

#### IV.A. From Proposed Projects to Implementation

The City of Vineyard faces unique challenges due to its rapid population growth, the development of the Lakefront and Business Districts from scratch, and mitigating the growing environmental concerns in the state of Utah. Vineyard proactively planned for these challenges by updating their General Plan to document the community's vision for the future, and committing city time and resources to achieving this vision. SRT's recommended near term roadmap for the projects proposed in Section III will upgrade Vineyard's existing infrastructure, provide key analytics to understand the impact of and react to the growing population of the city, and support the goals and vision outlined in the General Plan.

This documentation provides a blueprint for executing meaningful projects to Vineyard.

- In this document, SRT Labs demonstrates the value of each proposed project to different stakeholders in the city, including the leadership, city staff, and residents.
- In the supplemental Deployment Documents, SRT Labs detailed the device selection, integration requirements, IT network requirements, anticipated pricing and schedule for the implementation of each project.
- The appendices of this document include a detailed audit of Vineyard's current software systems and preliminary research for other projects in which Vineyard has expressed an interest.

SRT Labs would like to continue to serve Vineyard as their intelligent base layer as they plan smart city projects.

#### IV.B. Who We Are and What We Do

Service Robotics & Technologies, Inc. (SRT Labs) brings necessary legacy infrastructure into shared data ecosystems with intelligence, and security. SRT's *M1 Platform* software provides a platform to consolidate data streams from across your city, allowing leaders to monitor, analyze and automate operations. We support Public Works teams by building on existing capital infrastructure, retrofitting, if required, to convert to "smart" systems, and by layering in sensors and connected devices to fill data gaps to improve utility monitoring, evaluate environmental conditions, and optimize city operations. By streamlining information to the appropriate levels of city leadership (administrative teams and public works) and sending alerts to end-users (residents and business owners), this connected ecosystem saves municipality resources, reduces capital expenditures, and improves city services.

### V. Appendix: Software Systems Audit

Municipalities have existing infrastructure that represents investments across decades. As new technologies become available and cost-effective—and are eventually adopted—each city has to decide how the new technology integrates with or replaces older systems. This process traditionally resulted in a complex mix of old and new infrastructure working in data silos rather than a data ecosystem.

SRT's M1 Platform is a software framework designed to act as the central nervous system for existing and upcoming infrastructure, acknowledging the need to bring these dispersed systems together. This is achievable with a shared data ecosystem, allowing all technology (regardless of manufacturer) to be monitored, analyzed, and automated from within a unified point of control.

Through the lens of unified data integration, SRT Labs has assessed a select subset of Vineyard's existing software systems to provide an understanding of how Vineyard can optimize their current capital investments.

- Section V.A. provides a summary of the SRT's assessment of Vineyard's existing software systems.
- Sections V.B.–J. Provide additional information regarding the level of effort for integration, as well as tangible and intangible return on investment for integrating individual systems.

#### These sections include:

- A categorization of the software and hardware systems by usage of teams and applications according to the city's work distribution.
- A per-system analysis of integrability, to include cost and time assessment, and identification of partnership, licensing, or security concerns.
- An identification of other opportunities for system application for data sharing.

#### V.A. Software Systems Audit Findings

SRT Labs assessed software systems based on two major categories: (1) Integrability, and (2) Value to Vineyard. For both of these, we placed them on a scale from low to high, where low indicates integration is not feasible.

For the Integrability axis, we assessed both level of effort for SRT Labs to integrate the software, and willingness of the technology partner by researching the technology and directly speaking to their respective partnership departments. SRT Labs attempted to answer the following questions for each company:

- Does publicly available API (Advanced Programming Interface) documentation exist?
- Do any SDKs (Software Developer Kits) or existing open code libraries exist?
- Does the system have a developer API? If so, is it limited or restricted in any way?
- How long have these resources existed? Are they actively supported or is there any suggestion that they are inconsistent or problematic to use?
- Does the API require an additional license or software to be installed in order to use it?
- Does the API have the appropriate access points to allow us to integrate with the M1 Platform?
- Is the company willing to work with us to establish the level of access we are interested in?

For the Value to Vineyard axis, we assess the value of an integration to Vineyard, from a data and potential intelligence standpoint and also from the usefulness of that intelligence to Vineyard leadership, City staff, and residents, asking:

- What is the accessible data output from this software?
- In what ways does the client use the information provided by this system?
- Which data seems underutilized or not used from this system?

- Where do staff augment information for decision-making (e.g., checking another piece of information manually or digitally, asking a colleague)?
- What is the value in using the information from each system in conjunction with the other systems being examined? Which data combinations have client interest and applicability to their work?
- Which of these data systems provide client value when automated?
- What are the client's upcoming priorities? How can the current systems be prioritized for integration to support the next phase of smart city planning?

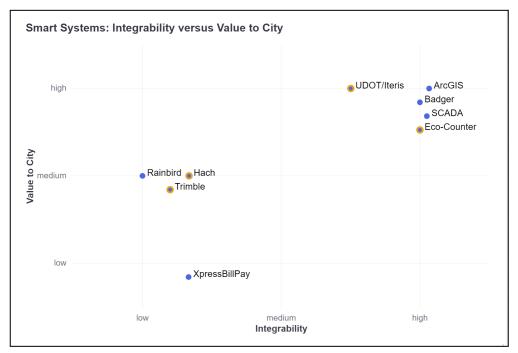


Figure 5. Plot of software systems' Integrability versus the assessed Value to City. An orange circle on an existing system indicates that its value depends on an expansion of the existing coverage.

SRT Labs recommends integrating the cluster of systems in Figure 5 with high levels of both Integrability and Value to City: ArcGIS, Badger Beacon, Eco-Counter, SCADA, and UDOT. The value of both Eco-Counter and UDOT is dependent on an expansion of the existing coverage. SRT Labs does not recommend integrating with the cluster of systems with low Integrability and low Value to City, which includes Xpress Bill Pay.

For the cluster of systems with higher value but difficulty in integration, SRT Labs offers alternative options.

- The City only currently has one Hach water meter, and rather than integrate with Hach and install additional meters, the City could choose to switch to another vendor as outlined in the Water Usage Monitoring Deployment Document.
- For Trimble water hydrant pressure meters, the City only has six meters right now but approximately 500 total hydrants, and we recommend another vendor.
- Finally, we do not recommend integrating with Rainbird irrigation systems, but there is value in having irrigation data.

#### V.B. Software Review: ArcGIS

**Software Description.** A geographic information system (GIS) generally consists of data that is tagged with geographic location information, along with tools for analytics. ArcGIS displays this data on a map, allowing the user to interact with data from different sources, displayed in different layers, with the common element of location information. Vineyard is able to dictate which layers are publicly visible versus only privately visible. These can be seen in the current implementations of ArcGIS:

- The <u>Public Basemap</u> includes addresses, roads, subdivisions, minor subdivisions, parcels and preliminary parcels, and zoning, all of which are available to the public from the Vineyard website.
  - Note: there is a separate map linked from <u>Interactive Map | Vineyard</u>, <u>UT</u> that was created by the streetlight maintenance contractor, Black & McDonald, and allows residents to report light outages.
- The <u>Culinary Water Map</u> includes Culinary Water (wells, hydrants, pipes by size), Gravity Irrigation (pipes), Land Drain (manholes, drains, pipes), Sanitary Sewer (lift stations, manholes, outfalls, pipes), Secondary Water (pump station, pipes, manholes), Storm Drain (manholes, outfalls, pipes, detention basins). This is only available internally to certain city employees.

Going forwards, Vineyard intends to also have a traffic map, which will be used internally for planning purposes. This could pull in data layers from the Utah Department of Transportation (UDOT) website.

#### Integrability: HIGH.

**Value to Vineyard: HIGH.** Both the current public-facing and internal ArcGIS maps are already valuable to their respective users, for displaying a range of information based on geographical location. If SRT Labs is able to push data into the system, it will allow for an even broader range of information to be displayed in a central location. If SRT Labs is able to pull data out of the Vineyard ArcGIS, we will be able to pull out data for historical analysis.

- **Leadership:** Additional layers in the Public Basemap increases transparency for residents on the state and progress of the city.
- City Staff: SRT Labs will be able to add more layers to the Culinary Water Map as more devices and data are integrated.
- **Residents:** The city already has a publicly available Public Basemap, and this integration will increase the amount of data available for sharing.

**Sample User Experience.** Depending on the other integrations, some data that SRT Labs could push into a GIS layer on the Culinary Water Map include:

- Water pressure at hydrants
- Water depth in wells
- Water flow data anywhere we install flow meters or have flow data from the SCADA (could be culinary, irrigation, or sewer)

Some examples of data SRT Labs could push into a public-facing basemap include:

- Trail counter data
- Pedestrian traffic data
- Weather and air quality data

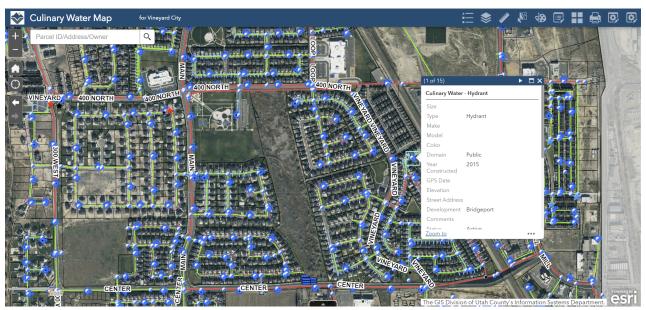


Figure 6. A screenshot from the existing ArcGIS Culinary Water Map. If integrated, SRT Labs would be able to provide information that could populate a pop-up for a Culinary Water - Hydrant, for example.



This recommended project supports the General Plan's goals for Technology:

Goal 4: Utilize digital and online resources and technology to track benchmarks and metrics to create a "one-stop" land use database.

Depending on other integrations, map layers can support other bullets in the Action Plan, to include Open Space, Parks, and Trails; Economic Development; Transportation.

#### V.C. Software Review: UDOT/Iteris ClearGuide Signals/PeMS

**Software Description.** Utah Department of Transportation (UDOT) licenses Iteris products for traffic monitoring, and Vineyard can avail themselves of these licenses. Tracking data from detectors along I-15 N/S at the edge of Vineyard provide traffic flow (vehicles per hour), speed (miles per hour), occupancy (%), and delay information, as hourly time series data as well as aggregated statistics. There is additional data from electronic devices that track traffic data on many of the larger roads within Vineyard, viewable through the Iteris ClearGuide product. **Integrability: HIGH.** 

Value to Vineyard: HIGH. UDOT utilizes several different software systems, all of which are available to Vineyard through the State of Utah. The first is the Iteris/PeMS system, which has traffic-counting radar devices along I-15 N and S, at the edge of Vineyard. This provides vehicle counts for the exits into and out of Vineyard along that highway. UDOT also has the Iteris/ClearGuide system, which pulls data from electronic devices in cars to track vehicle speeds. This only covers the larger roads in Vineyard, which SRT Labs estimates to be approximately 15% of the roads. Because this data comes from a subset of the cars, it does not include information about vehicle counts, which are the most important metric for tracking Vineyard's growth.

- **Leadership:** Statistics on travel times between key city attractions can provide indications of accessibility and inform future city planning.
- City Staff: Data on average traffic flow and long-term trends can inform future City planning.
- Residents: Information on traffic patterns can reassure residents that the city's growth is managed.

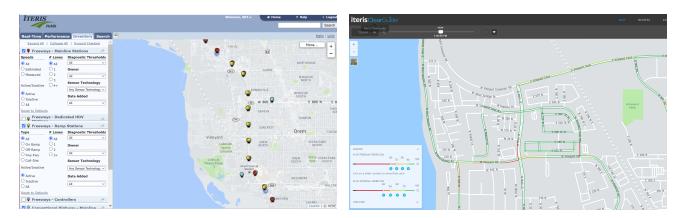


Figure 7: (Left) UDOT has detectors installed along I-15 N and S, which runs just to the east of Vineyard, and these provide real-time traffic data along the highway. (Right), the ClearGuide system provides traffic data within Vineyard, collected from electronic devices.

**Understanding UDOT's Traffic monitoring/PeMS.** UDOT provides traffic data to the citizens of Utah. It collects point speeds, volumes, and vehicle classifications using radar, often through Wavetronix Expanse system with XP-20/1 sensors, and via loop technology with the roughly 2000 stations located statewide, including through the highway adjacent to the city of Vineyard. The PeMS system can receive data provided by cities and their data, in turn, is accessible through an API.

**Understanding UDOT's ClearGuide/Iteris System.** ClearGuide is a partner of the Utah Department of Transportation (UDOT) and provides a variety of <a href="https://hardware.nd.software">hardware.nd.software</a> for traffic monitoring and real-time analysis of data collected through the UDOT and ClearGuide systems. **Access to ClearGuide is provided at no charge to cities in Utah through UDOT.** In the case of Vineyard, ClearGuide provides background-level traffic information within the locality including travel times and speeds, which can be exported for custom routes. This technology is based on indirect measurements, such as navigation system data. Information can also be transmitted to ClearGuide by both UDOT and dedicated pedestrian/bike counters.

<u>Iteris/ClearGuide</u> will provide the following time-stamped data into the *M1 Platform*:

- Road type (interstate, arterial, collector, or local)
- Speed limit (in MPH)
- Freeflow speed (in MPH)
- Historical speed average
- Percent freeflow

**Understanding UDOT's Automated Traffic Signal Performance Measures (ATSPM).** The UDOT Automated Traffic Signal Performance Measures (ATSPM) platform collects traffic signal data informed by sensors available from <u>Wavetronix</u> and other related companies. The ATSPM system incorporates data provided by UDOT and local municipalities.

Data is available for eight traffic signals in and along the border of Vineyard, and provides data such as:

- Purdue Phase Termination
- Split Monitor
- Pedestrian Delay
- Preemption Details
- Timing and Actuation
- Purdue Split Failure
- Yellow and Red Actuations
- Turning Movement Counts
- Approach Volume
- Approach Delay
- Arrivals on Red
- Purdue Coordination Diagram
- Approach Speed
- Left Turn Gap Analysis
- Wait Time

More details can be found in this manual.

Vineyard's GIS consultant is able to pull ArcGIS layers with traffic data into the City's Public Basemap, via the State of Utah's subscription to HERE™. This will allow residents and city managers to access this already-existing data through Vineyard's public website.

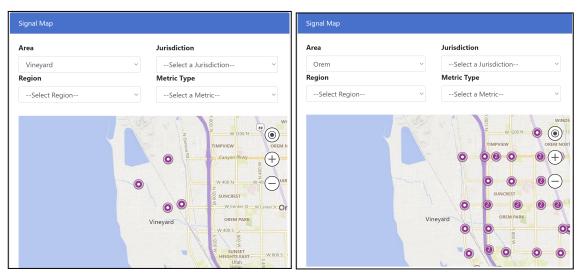


Figure 8. There are 4 <u>ATSPM</u> lights in Vineyard proper (left), and another 4 along North Geneva Road, along the border of Vineyard (right).

**Sample User Experience.** SRT Labs recommends integrating traffic data into the Public Basemap ArcGIS, as well as pulling summary data to a City Intelligence Dashboard. The summary data should compare road design logistics (intended load, speed and daily vehicle count), with measured data. Analytics such as these will be designed in conjunction with Vineyard to support their resource planning for road infrastructure.

This recommended project supports the General Plan's goals for Transportation:

Goal 5: Adopt a Complete Streets Policy to ensure safe access for all users, including pedestrians, bicyclists, vehicles, and transit riders of all abilities.

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#### V.D. Software Review: Eco-Counter

**Software Description.** Vineyard is currently using Eco-Counter's cyclist and pedestrian counting hardware on several of the trailheads. It provides hourly count data, available as a spreadsheet, as well as a number of analytics in a PDF report form, which includes:

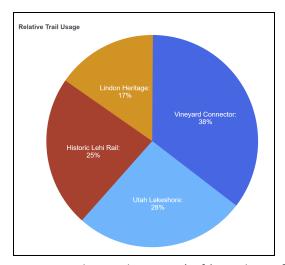
- Yearly total;
- Peak day with count;
- Daily average over the last year, and the previous year, with a comparison metric, with the choice of overall days, just weekends, or just weekdays;
- Relative usage distribution over days of the week;
- Relative usage distribution over a day, averaged over all days, just weekends, or just weekdays;
- Year-on-year monthly comparisons, to show long-term trends.

Integrability: HIGH.
Value to Vineyard: HIGH.

As the population of Vineyard increases, data on the usage of trails and parks can be used to understand how these public areas are being used, inform growth planning, and guide the allocation of maintenance resources. Integration will allow comparable metrics and analysis to be shared more widely.

- **Residents:** If Eco-Counter data is pushed into the ArcGIS Public Basemap, residents can see when trails/parks are being used, and can better plan their own recreational activities.
- **Departments:** Understanding the usage of the parks/trails will help Parks & Recreation to plan where future expansions need to be, and also how maintenance teams should be distributed across existing recreational areas.
- Mayor: Summary metrics of usage, such as the average number of visitors per trail per day, can demonstrate the involvement level of residents in Vineyard life.

**Sample User Experience.** Eco-Counter provides analytics within its platform, exportable in PDF format. Integrating with the *M1 Platform* would allow similar analytics on a single trail counter, as well as comparative analytics across multiple counters, and would be able to be viewable in longitudinal reports to track usage.



Average Visitors Per Week By Trail					
	last week	trend	this week		
Lindon Heritage	33	•	42		
Historic Lehi Rail	44	•	63		
Vineyard Connector	120	•	96		
Utah Lakeshore	65	•	71		

Figure 9. Sample visualizations. (Left) Pie chart of relative attendance across multiple trails. (Right) Chart of the average number of people per day on trails with trend information.

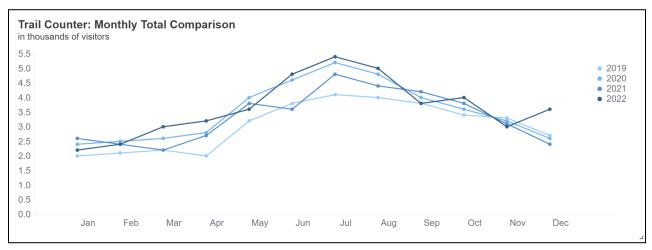


Figure 10. Sample scatterplot with comparison across years of monthly totals of visitors to a trail.



This recommended project supports the General Plan's goals for **Land Use**:

Goal 2: Participate in larger scale, regional planning to coordinate land uses and to maintain regional networks.



This recommended project supports the General Plan's goals for **Open Space**, **Parks + Trails**:

Goal Overall 3: Broaden, enhance, and promote recreation opportunities and recreational tourism.



This recommended project supports the General Plan's goals for Economic Development:

Goal 1: Create an effective and proactive business recruitment program that directs resources toward targeted businesses and industries.

Goal 5: Establish zoning that encourages strategic, accessible, and centralized economic centers that will integrate appropriately into the community.

Goal 6: Activate Vineyard's natural resources, including the lakefront and Utah Lake, to improve the tourism sector of the economy and attract new businesses.



This recommended project supports the General Plan's goals for **Transportation**:

Goal: To promote the development of an efficient multi-modal transportation system that meets the needs of Vineyard's current and future residents while increasing safety and sustainability, decreasing auto-dependency, balancing mobility and accessibility, and integrating into existing infrastructure.

#### V.E. Software Review: SCADA

**Software Description.** Vineyard's SCADA is a locally hosted Ignition system, and will shortly be upgraded to version 8.1 with all the base modules and some extra alarming. It provides data on the systems managing culinary, sewer, and pressurized irrigation waters.

For culinary water, this includes two (2) Orem Metropolitan Water inputs (Maverick 8" and 2"), supplying the areas of Vineyard south of 4th North, and three (3) Central Utah Water Project inputs (CUP VV 6", VV 12", and RMP 6"), supplying areas of Vineyard north of 4th North:

- Current water flow (Gallons Per Minute);
- Cumulative statistics on water flow: total since initialization, total yesterday, total this month, and total last month (Gallons);
- Alarm configuration, including high flow setpoint (Gallons Per Minute).

For each of the two sources, Maverick and CUP, included is the capability of plotting flow as a time series, but only over a block of time starting with the current time. For the CUP source only, there is additional data for the "Downstream Pressure," "RMP Downstream Pressure," and "Well 11 CL2 Residual" (a value indicating whether a sufficient amount of chlorine has been added to the water).

For the sewer water, this includes the following data for each of the 3 Lift Stations:

- Well level (Feet);
- Status of the motors (either in Hz or %), three (3) for Lift Station 1 and two (2) each for Lift Stations 2 and 3;
- Motor runtime (Hours) and number of starts/stops;
- Flow out (Gallons Per Minute);
- Alarm configuration.

It also includes the capability of plotting the well levels and pump status as time series, but only over a block of time starting with the current time.

For the pressurized irrigation system, this includes the following data:

- Incoming water gate position for culinary and pond water (in %);
- Incoming culinary water flow (Gallons Per Minute);
- Wet well level (Feet);
- Status of the 3 pumps on the outgoing flow;
- Outgoing water pressure (PSI);
- Outgoing water flow (Gallons Per Minute).

For historical analysis of data, the SCADA has a plotting feature that allows the user to pick multiple data sources and plot them on the same time series axis. This allows for comparisons such as Lift Station 1 Well Level versus Lift Station 1 Water Flow.

Integrability: HIGH.

**Value to Vineyard: HIGH.** Since the SCADA already includes the ability to plot raw data as a time series, the value of integrating the SCADA into the *M1 Platform* lies in the more complicated analytics that are possible.

- **Leadership:** A high-level view of the health of the systems in the SCACA. This could include summary metrics to show the current distribution of purchased water across sources, and metrics maintenance such as the running capacity of the Lift Stations.
- City Staff:
  - Time series data where data is aggregated over hours, weeks, days, or even months, to provide a higher-level view of long-term trends.
  - Time series data on motor runtime and starts/stops per day, week, or month.
  - Meta-data on the number and time-distribution of alarms on each of the equipped systems (culinary water and sewer water), to help inform maintenance decisions.

Sample User Experience. Figures 11-15 show potential graphics that could be included in dashboards.

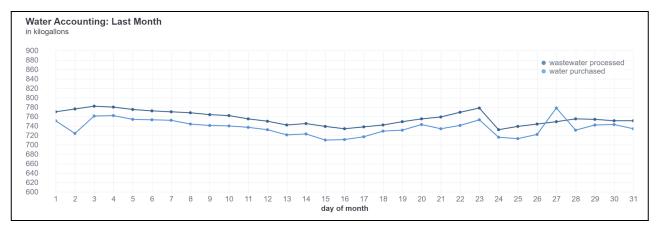


Figure 11. Sample scatterplot of water purchased and wastewater processed over time.

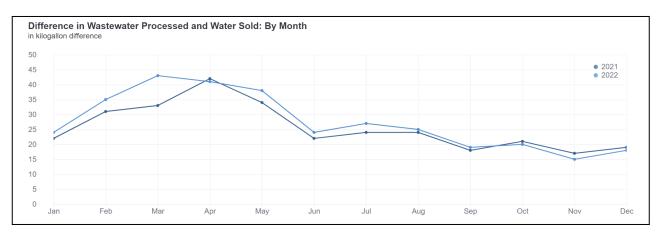


Figure 12. Sample scatterplot of the difference between wastewater processed and water purchased per month, displayed with multiple years for identifying long-term trends.

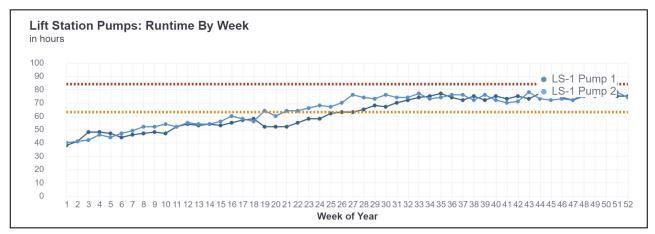


Figure 13. Sample scatterplots of pump motor runtime per day, week, month, year, and comparisons across time, with reference lines indicating they are working at a higher capacity than is ideal.

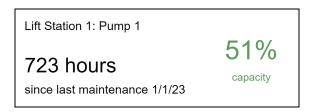


Figure 14. Sample summaries per motor of total runtime or number of starts. Users can set alert thresholds for maintenance either on one metric, or on a combination (like "3000 miles or 3 months" for an oil change).

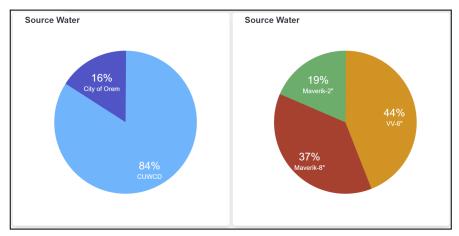


Figure 15. Sample summary graphics of water purchased.



This recommended project supports the General Plan's goals for **Public Facilities + Services**: Goal 1: Provide and maintain municipal facilities that adequately serve the needs of Vineyard residents and businesses.

# V.F. Software Review: Badger Beacon and EyeonWater

**Software Description.** Vineyard is using Badger Meters to track the culinary water usage of residents, along with Beacon software for utility management. Beacon provides a dashboard with summary information including:

- Communication Health: counts/percentages of meters reporting in;
- Device Health: counts/percentages of status including {OK, Endpoint Tamper, Meter/Encoder Alarms, Encoder Communication Error};
- Billing Reads: counts/percentages of meters with current versus outdated reads (network or manual);
- System Water Usage: weekly usage (Gallons/week) this week and last week and comparison;
- Flow Health: counts/percentages of anomalies including {No Recent Flow, Leak Detected, Backflow, Continuous Flow}
- Top 6 accounts by weekly usage, with the number of gallons used.

Additionally, Vineyard offers residents the option to sign up for the Badger EyeOnWater app, to track their individual water usage and set up leak detection alerts.

Integrability: HIGH.

**Value to Vineyard: HIGH.** Integration with the Badger/Beacon system would allow meter data listed above to be pulled into the *M1 Platform*, where additional data such as neighborhood enables more bespoke analytics.

- Leadership: Local water usage can be compared to state goals.
- **City Staff:** All the metrics displayed in Beacon could be shown broken down by neighborhood, and also tracked over time. Cross-neighborhood comparisons can be computed for those metrics.

**Sample User Experience.** If integrated, the meters would appear as icons on the *M1 Platform*'s map of the City, along with the other integrated systems. The water usage data can be analyzed at several levels:

- The total amount of water sold can be divided by the number of residents to get an average usage, which can then be compared to state-level averages, or state- or city-set goals. This can be used to prove that Vineyard's residents are using water efficiently. This could also be presented as a scatterplot over time, or compared on a monthly or yearly time range.
- Water usage can be totaled over various usages, such as Residential, Commercial, Parks and Rec, Public Works, based on the billing addresses, and this can be reported as a pie chart, as a scatterplot over time, or via other comparisons.
- Water usage can be totaled by neighborhood, based on billing addresses, providing a comparison of per-neighborhood usage, with a baseline of the Utah average usage. This can inform targeted campaigns for water reduction to those areas which use more.

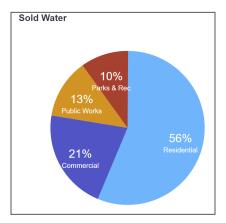


Figure 16. Sample pie chart of culinary water usage distribution.

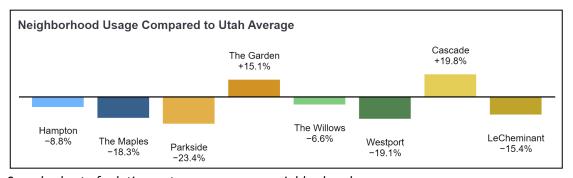


Figure 17. Sample chart of relative water usage across neighborhoods.

More complex analytics can be presented if this data is combined with other sources, as in the Water Monitoring Deployment Document.



This recommended project supports the General Plan's goals for **Technology**:

Goal 2: Continue to utilize and adopt advances in technology to enhance City services and improve communication and public access to all services, planning, decision making and activities.



This recommended project supports the General Plan's goals for **Public Facilities + Services**:

Goal 6: Ensure and protect the quality and long-term supply of water resources, groundwater and surface water supplies.

# V.G. Software Review: Hach Wastewater Meters

**Software Description.** Vineyard currently has one portable Hach wastewater meter, which provides timestamped flow rate data. Vineyard has expressed interest in expanding their coverage to have wastewater meters on the trunk lines coming out of every neighborhood subdivision, plus coming out of downtown and the Forge, approximately 60 meters total. Wastewater treatment is currently done by the Timpanogos Special Service District in areas of Vineyard north of 4th South, and the City of Orem in areas south of 4th South.

**Integrability: MEDIUM** 

**Value to Vineyard: HIGH.** Wastewater flow data specified by individual trunk line would allow Vineyard to have a more detailed picture of their water system.

- Leadership: This would contribute to summary metrics on the overall health of the water system.
- City Staff: This has value primarily to the Utilities department in the form of alerts:
  - o If the flow through a pipe significantly drops over a short period of time, this could indicate a break or large leak that would need to be quickly investigated.
  - If the flow through a pipe significantly rises over a short period of time, this could indicate that
    a different pipe has broken and water is flooding into storm drains and into this pipe.

Additionally, a better understanding of how much wastewater is being processed will allow the City to refine the charges to residents for wastewater processing.

**Sample User Experience.** If integrated, the meters would appear as icons on the *M1 Platform*'s map of the city, along with the other integrated systems. More complex analytics can be presented if this data is combined with other sources, as in the Water Monitoring Deployment Document.

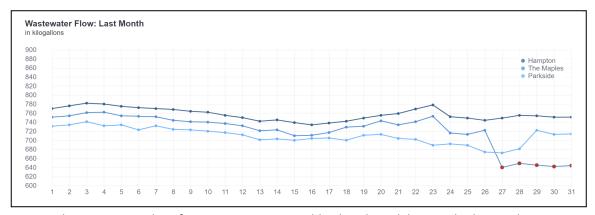


Figure 18. Sample time-series plot of water usage per neighborhood trunk line, with alerts indicating a significant change is detected. This plot just shows a few neighborhoods as a sample, with a hypothetical drop in The Maples usage which could indicate a leak.



This recommended project supports the General Plan's goals for **Public Facilities + Services**:

Goal 3: Maintain and expand a stormwater management program that protects the health and safety of the public and can accommodate the City's rapid growth.

# V.H. Software Review: Trimble Water Hydrant Pressure Meters

**Software Description.** Vineyard is currently using 6 Trimble meters to measure water hydrant pressure and 2 Trimble meters to measure well water status. The user interface to the Trimble Unity software allows users to see system pressures, transients and trends, and the maximum, minimum, and average pressure history over any user-defined interval. It is SRT's understanding that these meters were chosen based on convenience.

Confidence in Integrability: LOW.

**Value to Vineyard: MEDIUM.** With only these 8 meters, the value is limited. SRT Labs would recommend more meters to cover a wider range of the city.

- **Leadership:** Statistics on the number of hydrants reporting the standard/ideal water pressure, as an indicator of how well the system is working as a whole.
- **City Staff:** Water pressure in hydrants can be reported as time-series, and alerts can be set to rapidly inform maintenance teams if a significant change in pressure is detected.

**Sample User Experience.** If integrated, the meters would appear as icons on the *M1 Platform*'s map of the city, along with the other integrated systems. Summarized information for the City Manager and Mayor can be included on an analytics dashboard.

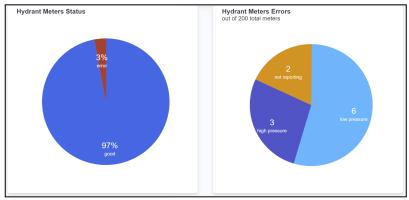


Figure 19. Sample summary of statuses, either as a percentage of the total meters without errors or as a breakdown of what errors are currently being reported, as an indicator of total health.

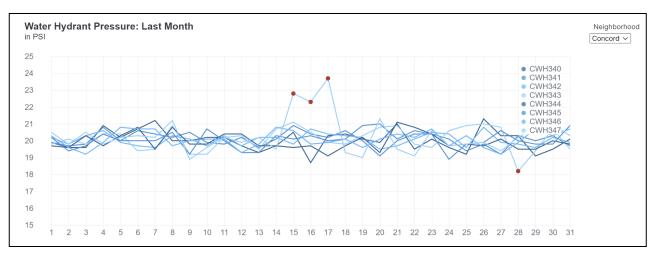


Figure 20. Sample time-series of hydrant pressure, with data points out of specifications highlighted for alerts.

**Alternative Options.** SRT Labs recommends installing some in-hydrant pressure meters for Mueller brand hydrants and the installation of in-line pressure meters at critical water line locations. The data gained can be included in an ArcGIS layer. This project is detailed in the Water Monitoring Deployment Document.



This recommended project supports the General Plan's goals Public Facilities + Services:

Goal 4: Provide adequate and reliable utility services and distribution to all residents and businesses in Vineyard in a cost-effective manner.

#### V.I. Software Review: Rainbird

**Software Description.** Vineyard is using a set of Rainbird irrigation controllers to control the irrigation in some parks and on some greenways along the sides of roads. Most of the existing controllers are running the Rainbird IQ system, but some of them are older systems that do not. The data that could be pulled out of the Rainbird IQ system may be timestamped data about when water is allowed to flow at a fixed rate, or it may be actual water flow volume data.

Integrability: LOW.

**Value to Vineyard: MEDIUM.** Irrigation data would fit into the larger picture of showing how the City is using the water they have, and over time how they are reducing water usage. Tracking over time will be useful to the Public Works Department, and summary metrics will be useful to the City Manager and Mayor.

- Leadership: Metrics showing that irrigation is only happening when necessary can show that water is being used wisely.
- **City Staff:** Time-series data on irrigation usage over time can inform future planning. Alerts indicating sudden changes in usage can indicate leaks and inform maintenance.
- **Residents:** Metrics showing that irrigation is only happening when necessary can reassure residents that water is being used wisely.

**Sample User Experience.** If integrated, the meters would appear as icons on the *M1 Platform*'s map of the city, along with the other integrated system. Integrating this system into the *M1 Platform* would allow for the collection of historical data on water usage, either in gallons or in dollars. Dashboard graphics indicating how the irrigated water consumption changes over time can be shown either in a summary metric or a scatterplot.



Figure 21. Sample summary metric of water usage or cost over time.

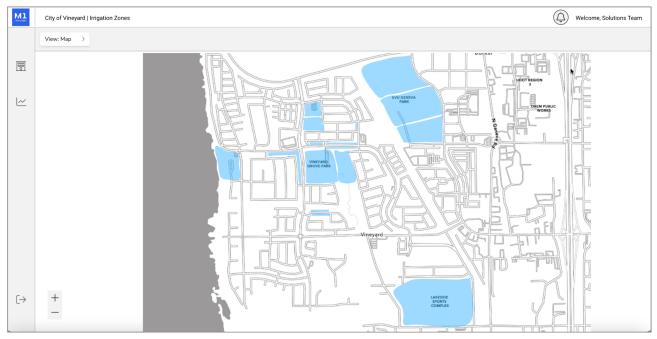


Figure 22. Example of M1 Platform Map View of irrigation zones.

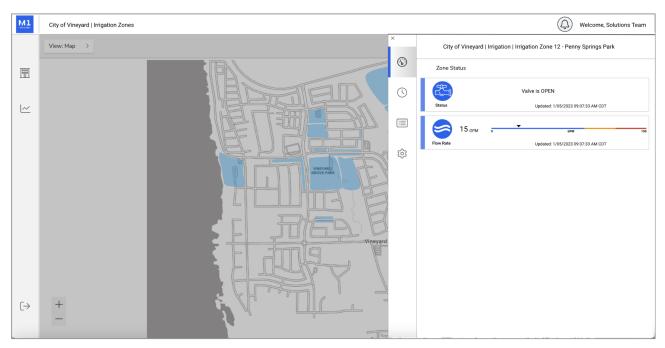


Figure 23. Example of an M1 Platform irrigation zone drawer showing valve status and flow. ("Smart" outdoor flow meters may not be available at this point in time.)

Alternative Options. More complex analytics can be presented if this data is combined with other sources, as in the Water Monitoring Deployment Document. For example, correlation with weather data could be used to show that the City is only irrigating when necessary. Since an integration with the Rainbird system is not recommended, SRT Labs suggests for future projects the use of irrigation technology which has an open API so that data can be connected to the City's data ecosystem. SRT Labs can recommend products from Tucor or would suggest the use of LoRaWAN-enabled shutoff valves.



This recommended project supports the General Plan's goals for **Public Facilities + Services**:

Goal 6: Ensure and protect the quality and long-term supply of water resources, groundwater, and surface water supplies.

# V.J. Software Review: Xpress Bill Pay

**Software Description.** Xpress Bill Pay is a billing system that Vineyard is using for its residents' culinary water usage. This software allows the residents to view and pay their bills. Xpress Bill Pay gets data from Vineyard via Pelorus Methods accounting services as a csv file monthly, with beginning water meter read, ending water meter read, and the corresponding total units (in 1,000 gallons) consumed.

**Confidence in Integrability: LOW.** Xpress Bill Pay does not currently have an API.

**Value to Vineyard: LOW.** It is SRT's understanding that the data we would be able to get out of the Xpress Bill Pay system would be limited to just residents' water usage and their water bill. The same usage data would alternatively be available via the Badger meters, so the only unique data here is the actual bill itself. While having billing data integrated into the *M1 Platform* would allow for statistics and trends to be provided, this kind of intelligence can be alternately based on the raw usage data from Badger, as water bill amounts could be *Service Robotics & Technologies ©2023* 

independently calculated based on usage data and current tiered billing rates. There could, however, be value in SRT Labs being able to push more data to the end-users.

- **Leadership:** No more than would already be achieved with a Badger integration.
- **City Staff:** No more than would already be achieved with a Badger integration.
- Residents: In addition to their usage information and bill, they could receive additional statistics such as comparative usage across time or usage compared to their neighbors, if Xpress Bill Pay was willing to format the bills accordingly.

**Sample User Experience.** As the data that is provided to Xpress Bill Pay is in a comma-separated value (CSV) format, analytics would be limited to simple statistics, with no graphics.

This month's usage (in 1,000 gallons): **7.0**Last month's usage: **6.5**Net change in percentage: **+7.7%**Average of your neighborhood's usage: **7.2**You used **97%** of your average neighbor's water.

You watered **4** times this month in the

10 am - 6 pm window.

Figure 24. Sample statistics that can be included in residents' bills.



This recommended project supports the General Plan's goals for Public Facilities + Services:

Goal 4: Provide adequate and reliable utility services and distribution to all residents and businesses in Vineyard in a cost-effective manner.

Goal 6: Ensure and protect the quality and long-term supply of water resources, groundwater, and surface water supplies.

# VI. Appendix: Preliminary Research on Future Projects

In preliminary meetings, the city of Vineyard indicated strong interest in several projects and research work was initiated. Vineyard's prioritization narrowed to the projects presented in previous sections. SRT's preliminary research for secondary projects is summarized below, as a resource for Vineyard for when the city chooses to revisit these projects.

# VI.A. Asset Management and Maintenance Review: CityWorks and Cartegraph

Vineyard expressed interest in asset management tracking. There are several categories of tracking, depending on the type of assets:

- Small physical assets: computers and other office equipment, small tools, etc. These are usually tracked via a system which allows users to print labels with QR codes, and scan those codes with an app, at which point timestamp and location information is recorded as well.
- Vehicular assets: cars and trucks. Telematics devices plug into the vehicle's diagnostic ports, relaying information to the program about location as well as vehicle health.
- Infrastructure assets: HVAC systems, crosswalks, bridges. This software tracks maintenance records, allowing photos to be attached to every record.

All of these types include analytics providing insights on metrics like usage and lifetime, and alerts for proactive maintenance. Costs vary based on parameters such as the number of users who need to access the system, and the number of items being tracked.

Vineyard indicated that they would like a system primarily to track infrastructure assets, with the following requirements for approximately 10 users and tracking around 1000 items to include HVAC equipment.



This recommended project supports the General Plan's goals for **Technology**:

Goal 4.2: Utilize software, like iWorq or a similar city management/public works software, to monitor and track public complaints, service requests, work orders, and inspections and to improve interdepartmental coordination of certain projects.

**SRT Labs Recommendation.** SRT Labs researched the following two companies, based on Vineyard staff experience and interest. SRT Labs has confirmed that both of these systems are integrable with the *M1 Platform*, and as such did not pursue a third option.

- 1. **Cityworks** is a GIS-centric infrastructure management program which can track "the complete lifecycle of your infrastructure, from permits and construction to maintenance and replacement."
- 2. **Cartegraph** offers asset management, work order management, and space management software. They specifically feature solutions for Facility Assets, including HVAC. (<u>Facility Assets</u>)

Both offer integrations with a wide range of software partners (<u>CityWorks Partners</u>, <u>Cartegraph Integrations</u>). The following table includes information about each, with respect to a selection of possible pieces:

- Citizen engagement via SeeClickFix, a platform which enables residents to report issues and repair needs and facilitates communication with the City. Vineyard currently has a map which allows residents to report streetlight outages to Black & McDonald (Vineyard map), but this would expand to allow residents to report any kind of maintenance needed.
- Integration with arcGIS, allowing data to be plotted based on its geolocation information on Vineyard's already existing maps.
- Integration with vehicle telematics, whereby digital tracking and vehicle health information is transmitted directly from the vehicle to the asset manager, with no human intervention needed.

Features	Cityworks	Cartegraph
Available on Desktop or Mobile	Core Feature	Core Feature
SeeClickFix integration	Additional Cost	Additional Cost
ArcGIS integration	Core Feature	Core Feature
Vehicle telematics	Additional Cost	Additional Cost
QR codes option	Core Feature	Additional Cost

Figure 25. Features of Cityworks and Cartegraph.

SRT Labs recommends that the City work directly with the asset management platform of their choosing, including wording in their contract that states the expectation of the platform to provide API access to the *M1 Platform*, allowing SRT Labs to pull data in order to provide meta-analyses for management.

# VI.B. Parking Management

The City of Vineyard expressed an interest in finding improved ways to manage parking. The information presented below is intended to support Vineyard's planning as they revisit parking in future planning.

Most of the current parking is street parking, and there is a limited amount, leaving residents frustrated when non-residents park in high-demand areas. Factors contributing to the issue include:

- Developments in certain neighborhoods were designed for 2.5 vehicles per unit, as these were expected to be for young families.
- The location and price point of housing means that UVU students in search of housing have rented apartments with a higher vacancy rate than was designed by the developers. As such, Vineyard anecdotally believes that there are some units with 5-6 cars per unit.
- The City of Vineyard estimates that as of Spring 2023, they would need to add a significant number of additional parking spaces to just meet the needs of current residents.
- Since parking for housing does not meet the needs of residents, resident and overnight parking is using all available street parking, thus eliminating the effectiveness of the city's current planning for vehicles to move about the city and park near the point of use. That is, with all street parking full, there is little opportunity to move a vehicle around the city (e.g., running errands, helping mobility impaired park closer to their intended activity point) and find parking.
- Resident satisfaction is low due to "time wasted" trying to find parking.
- The Vineyard Police Department estimates they spend approximately 1 FTE enforcing parking restrictions, managing towing and booting cars, and the Vineyard City Offices are managing close to # parking tickets per month. The revenue incurred from tickets does not meet the staff cost to enforce the parking policy. Increasing parking ticket fines to cover city costs would decrease resident satisfaction, and may be untenable for those in lower income brackets (e.g., UVU students).



This project supports the General Plan's goals for **Land Use**:

Goal 3: Develop a central business area that is easily accessible to all residents and visitors to serve as Vineyard's downtown.

Goal 5: Provide an adequate supply of public and private parking options in Vineyard.

#### Landscape of Solutions and the Applications of Technology

The City of Vineyard is investigating best practices for addressing these issues with appropriate infrastructure enhancements. The changes needed to move residents and visitors to a streamlined practice can be grouped into two categories:

- (1) **Space**: Solutions that provide parking for the city,
- (2) **Support**: Structures that encourage users to follow city solutions.

Category (1) means architecting the City of Vineyard to provide opportunities for parking, in the places that Vineyard wants auto storage. Category (2) includes the structures, policies, and tools used to achieve using the architected spaces as desired.

# **Space**

Solutions that provide parking for the City of Vineyard

Architecting the City of Vineyard to provide opportunities for parking, in the places that Vineyard wants auto storage

- Requirements on new developments for appropriately allocated parking
- UVU parking options for students with shuttles to Vineyard
- Parking garages for multi-story, high volume parking options
- Underground parking for new developments
- Intra-city transit that reduces the need for moving vehicles throughout the city

# Support

Structures that encourage users to follow city solutions

Includes the structures, policies, and tools used to achieve using the architected spaces as desired

- Educational outreach to residents
- Educational outreach for visitors coming to events
- Signage for onsite decision making
- First and last mile transit from parking to residences and businesses
- Design of spaces for safety and security
- Police enforcement through fines
- Parking technology to identify and reserve spaces

Figure 26. Solutions versus structures for parking design.

As a Smart City integration company, SRT Labs can address the applications of technology to the last bullet, *Parking technology to identify and reserve spaces*.

### **Desired Features for Vineyard's Digital Parking System**

Vineyard's ideal parking solution would be to charge visitors for street parking, while allowing residents to park for free. The proximity of Utah Valley University (UVU) is a strong incentive to make any parking system easily adoptable by the UVU community, given that many of the non-residents who park in Vineyard are associated with UVU. Other capabilities that Vineyard expressed an interest in were monitoring the availability of parking and reserving parking in advance.

The most common capabilities seen in different parking apps include paying for parking once you have already parked, reserving paid parking spots, and monitoring the availability of parking. An app with only the first

capability, Passport Parking, is already in use at Utah Valley University (UVU), and is in use widely throughout the US. Another popular parking app is ParkMobile, which includes the ability to pay for parking once you have already parked and the ability to reserve and pay for parking in advance, although the reservable parking spots are almost exclusively in garages and lots. ParkMobile also includes the ability to monitor availability of street parking when users pay for the premium version of the app.

We provide descriptions of these two apps, Passport Parking and ParkMobile, as well as some standalone solutions for the problem of availability of parking, which is not available in the standard version of either app.

### **Sample Parking Technologies**

(1) Passport Parking is an app which allows its users to pay for street parking in specified zones, extend parking sessions from the app, and has multiple different payment options including credit cards, Apple Pay, and Google Pay. It has partnered with municipalities in the past to create parking solutions tailored to the needs of individual areas, and includes the ability to enforce parking violations more easily, issue parking permits, and incentivize shopping locally by allowing local businesses to print validation codes for their customers. It is already in use at UVU which would help ease the transition to paid parking in the city, and both Salt Lake City and Park City use city specific apps powered by Passport, so visitors from those areas would be familiar with the technology as well. Its main drawback is that it cannot be used to reserve or monitor parking.

Passport Parking			
Pros	Cons		
Used at UVU.	Cannot be used to reserve parking spots.		
Can be tailored to the needs of Vineyard including the potential for parking permits, parking enforcement, and validation codes.	Cannot be used to monitor availability of parking.		
Flexible payment options.			
Parking times can be extended easily through app.			

Figure 27. Pros and cons of the Passport Parking system.

(2) ParkMobile allows its users to pay for street parking in specified zones, extend parking sessions from the app, and has multiple different payment options including credit cards, Apple Pay, and Google Pay. It has partnered with municipalities in the past to create parking solutions tailored to the needs of individual areas. It also includes the ability to reserve parking spots in garages and lots, although it does not include the ability to reserve street parking. A premium version of the app allows users to see parking availability around the city. Its main drawbacks are that it had a security breach in 2021 where user data was stolen by hackers, and it is not in use in the immediate vicinity of Vineyard.

Park Mobile			
Pros	Cons		

Can be tailored to the needs of Vineyard.	Data breach in 2021.
Flexible payment options.	Not used in the immediate vicinity of Vineyard.
Parking times can be extended easily through app.	
Includes ability to reserve parking in garages/lots.	
Includes ability to monitor availability of street parking in the premium version.	

Figure 28. Pros and cons of the Park Mobile system.

(3) Cleverciti SmartParking. One of the desired capabilities that was mentioned by the residents of Vineyard was knowing when and where there was available parking. This smart parking system utilizes optical sensors to monitor availability of parking, and offers both electronic signage built into local infrastructure and an app that will guide drivers to the most convenient available parking spot in real time. Another benefit is that it is possible to implement for both street parking, parking lots, and garages. While this is a European based company, it has a North American office and its technology has been implemented in the US (El Monte, CA, Redwood City, CA). While this only addresses some of the parking needs of Vineyard, it could be used to supplement another parking system. There are several standalone implementations of this technology that could be investigated.

Additional Examples of Garage and Parking Lot Monitoring: Airports. Monitoring the availability of parking spots exists in many airports throughout the country at different levels of sophistication. Some parking areas simply say whether there are spots available (Boston Logan Airport, Chicago's O'Hare International Airport), but many are able to say the percentage full or even the number of spots available (Washington DC's Reagan National Airport, Des Moines International Airport, Sacramento County Airport, Orange County's John Wayne Airport, Indianapolis International Airport). Salt Lake City's airport has a parking reservation system which may provide a meaningful model for Vineyard. The drawback is that these systems are exclusively for parking garages and parking lots, and not designed for street parking.

#### **LoRaWan Parking Sensors**

A final possible solution is that SRT Labs could assist in the choice, and installation of a network of LoRaWan parking sensors. These could be deployed in street parking, garages, and lots, and could be monitored through the *M1 Platform*. While this wouldn't be a replacement for an app that could be used to collect parking fees, it could be used supplementally to help monitor the availability of parking. Below are some potential sensors, although SRT Labs has not done enough research to determine the suitability of any of them: Parkdroid LoraWAN Surface, BeaconTrax Trax10213-LoRaWAN Parking Sensor, Nwave LoRaWAN Wireless Parking Sensor, Eleven-X SPS-X - Wireless Smart Parking Sensor. If Vineyard is interested in contracting SRT Labs to set up a network of parking sensors, a detailed deployment document will be delivered.

#### VI.C. City App Options

There were several priorities that Vineyard identified as potentially fulfillable by a city app. They are as follows:

- Maps and Transit: City maps including walking tours, bike paths, and live tracking for local transit.
- Parking: Monitoring and potentially booking free parking in downtown areas.
- Data Analytics: Display data collected by local sensors.
- Public Services: Reserve public spaces and city resources.

- 311 Services: Report issues with public resources.
- Local Business Resources: Promote local businesses with a rewards system, and post information about the different businesses.

Parking is usually managed in its own app and will be addressed separately, but the rest will be considered in an exploration of two different app experiences.



This project supports the General Plan's goals for **Technology**:

Goal 2: Continue to utilize and adopt advances in technology to enhance City services and improve communication and public access to all services, planning, decision making and activities.

SRT's research has found that a city app is not necessary to achieve Vineyard's goals, and a more appropriate place to house most of this information would be the city's website, which is already fairly robust and mobile friendly. However, if a significant amount of the population would prefer to access certain information on an app, it may be worthwhile to create either specific apps for certain goals, or a generic city app which for the most part simply sends users to the appropriate page on the city's website. The most reviewed city apps tended to be the ones that supplied 311 services, so while Vineyard already uses Podium and Everbridge for its 311 services, the apps discussed below include 311 services amongst other capabilities.

#### SeeClickFix powered by CivicPlus

CivicPlus is a company that creates websites for municipalities across the country, including Vineyard's current website. While CivicPlus has created apps for other municipalities, the available reviews for these apps were not positive and the apps' capabilities were limited. However, in 2019 CivicPlus acquired SeeClickFix, whose app focuses on 311 services and is very well reviewed. While Vineyard already has 311 services through Podium and Everbridge, the SeeClickFix apps frequently include links to the different areas of the municipality's website for different kinds of services and information. For example, the St. Petersburg, FL SeeClickFix app includes links to the city's website to allow residents to pay for parking, pay their utility bills, see their trash and recycling schedules, look at city statistics and data collection, and more. While the app itself isn't running these services, it does provide a convenient link to the appropriate website page, allowing the app to include an expansion of functionality as the website grows. Since the website has been updated and is mobile friendly, linking to the website rather than staying in the app isn't a major concern. The fact that SeeClickFix and CivicPlus are run by the same company implies that there is a strong possibility that the two platforms will work well together.

#### **Revize eGov CMS**

Revize is a company that creates websites for municipalities in the US. Their apps usually include 311 services, but many have other capabilities as well. For example, the app for Cedar Rapids, Iowa includes a large section of maps, including live tracking of bus routes run by a company called Ride Systems. There are also maps associated with the following items: ADA Curb Ramp Dashboard, CRPD Crime Statistics, Citizen Requests, Parcel Viewer, Parks Finder, Paving for Progress, Public Art, Right-of-Way Tree Identifier, Self-Guided Downtown Art Tour, Sustainability, Trails, and Tree Debris Collection, most powered by GIS. Given the amount of maps incorporated into this app, this could be an app company to look into if maps become an integral part of their app experience. The app also includes basic weather information on the home page, and links to sites for residents to pay bills, post coupons for local businesses, see city events, explore city departments, and much more. Much like the SeeClickFix apps, a large amount of the non-311 functionality just links to pages on the city's website, so the main way to expand functionality would be to expand the functionality of the website.

# VI.D. Wayfinding Signs in Downtown

As the city of Vineyard looks to create a walkable downtown, it becomes more important to include location and transit information throughout the city to help residents and visitors find what they are looking for. Installing wayfinding signs is an excellent way to do this. However, the scope, style, and placement of signage depends significantly on having a deep understanding of the space that the wayfinding signs will be in. Given that the downtown area has yet to be built, this project is not something that should be implemented soon, as many of the decisions involved in this project will depend on how the downtown area is shaped and is utilized. Below are some important things to consider once this project becomes a higher priority.

**Goals for the signage.** Having a clear sense of what you want these signs to accomplish is paramount to their usefulness. Things that Vineyard has expressed an interest in highlighting, which could be included in physical signage are listed below:

- Historical sites
- Parks
- Entrances to and mile markers along trails
- Bike lanes
- Parking
- Public Transportation
- Central Business Area
- Important buildings and landmarks (e.g. UVU, City Hall, Lakefront path, etc)

Creating a list of what features you want to highlight and including a thorough description of the different types of information you want residents and visitors to glean from this signage will help shape the decisions that will need to be made about the signs.

**Location.** Signage should be placed at important decision making points such as intersections, driveways, parking lots, and entrances. While having different kinds of signs throughout the city is valuable, most of the signs should be in high traffic areas to maximize their utility. If the intent is for visitors and residents to be able to follow the signs throughout the city, then they should be spaced at appropriate intervals, and the path between each sign should be considered carefully. It is also important to think about visibility and lighting while placing the signs, as poor lighting and obstacles could impact their usability.

**Appearance and Content.** Wayfinding signs should be instantly recognizable. Creating a consistent style across the different wayfinding signage and tools can help make them more identifiable to people seeing them for the first time. Keeping the content simple and using universally used symbols can make them more usable.

**Digital vs. Traditional.** There is value in both traditional wayfinding signs as well as digital ones, and it is likely that your eventual solution will include both. Traditional signage will be cheaper and easier to install, making it a good option for general wayfinding signage throughout the city. However, digital kiosks and signs have the ability to be interactive and provide live information, which could be extremely valuable in areas which have a lot of foot traffic as well as areas associated with public transportation (e.g. bus and shuttle stops). Many signage companies are able to do digital and/or interactive signage, but fewer incorporate live transit data. A few companies that create live transit signage in the United States are Connectpoint, Global Display Solutions, and Applied Wayfinding. If digital signage is implemented, SRT Labs could theoretically use the M1 Platform to monitor the status of the digital signs.

# VI.E. Dog Waste Management

As Vineyard's population grows and demographics change, there is an increasing number and concentration of pet dogs in the city. This has led to a problem which many cities and communities struggle with: an increasing amount of pet waste left in public areas creates a nuisance for residents and is a hazard for the environment. Vineyard has expressed an interest in coming up with a plan to help manage pet waste to abate this problem and curb complaints. While there are smart solutions that could be implemented to help achieve this goal, creating a clear set of guidelines for the community is an inexpensive and effective way to make progress. Several different types of solutions have been explored below.



This project supports the General Plan's goals for **Open Space**, **Parks + Trails**:

Goal Parks 2: Ensure all residents have access to well-maintained, clean, and safe open space, parks and recreational facilities.

#### **Community Guidelines**

Creating a clear set of guidelines and expectations for how dogs and their owners act in public spaces, along with reasons behind those guidelines is an effective way to encourage residents to pick up their dog's poop. Some potential guidelines could be:

- Dog waste in public spaces must be bagged and disposed of regardless of weather conditions or time of day or year. If you see waste, please pick it up even if it was not left by your dog.
  - This rule could be explained with information about the toxicity of dog waste. Many people are unaware of the danger and environmental impact of pet waste, and creating more informed citizens has been shown to increase the number of people who pick up dog waste. Rule violations could result in fines.
- Dogs must be on leash in all public areas.
  - Off leash dogs are more likely to defecate in areas that are inconvenient for their owners to retrieve the waste.
- Dogs must be licensed with the city and a small annual fee must be paid to keep a license current.
  - Having an accurate count of the number of dogs in the city and including a small fee gives the city the information and some funding needed to maintain an appropriate number of dog waste stations, should the city decide to install those. This can also help lost pets be reunited with their owners more easily, and if an off-leash area is established, it can be used as a prerequisite for use of those facilities. This could also make rule violation fines easier to enforce. Note that this has been implemented in many parts of Utah including <a href="Salt Lake County">Salt Lake County</a>, Orem, and <a href="Saratoga Springs">Saratoga Springs</a>.

#### **Infrastructure Updates**

Updating the local infrastructure can also support this goal. Some potential updates could include:

- Clear signage in key areas indicating the community guidelines relating to pets and pet waste. Signs could also be placed along trails to indicate how much further it is to a pet waste station to encourage people to carry the waste until that point.
- Installing dog waste stations which could include dog waste specific trash cans, bags or implements to assist in the removal of dog waste, and a hand washing or hand sanitizer station. Placement of these stations should be considered carefully before installation. There is potential for any trash cans to be smart trash cans, but it is not a requirement for this to be effective.
- Creating an off-leash area with dog friendly toys and infrastructure as well as dog waste stations. This provides a welcoming community for dog owners, while encouraging them to pick up after their pet, and limiting the area in which dogs are allowed to poop freely.

#### **Dog Waste Solutions**

Other supplemental solutions that support this goal are:

- Hiring a poop scooping/collecting service to maintain the dog waste stations, collect waste from the dog waste specific trash cans, and pick up abandoned dog waste in off-leash areas. Several companies that provide this service are <u>Rocky Mountain Pooper Scoopers</u>, <u>DaizyDooz</u>, <u>Poop911</u>, and <u>Poop Scoop</u>.
- Create a dog waste composting program or provide resources for residents or HOAs to set up their own. This would require people to use compostable bags, paper, or tools to dispose of the waste. Since pet waste requires a different process for composting than traditional compost, many composting services do not accept pet waste, so implementing this solution will be a challenge. However dog waste composting programs at dog parks have been implemented in several places in the US including at <a href="Lafayette">Lafayette</a>, CO, and <a href="Waterbury">Waterbury</a>, VT. There are several companies in different areas in the US that specialize in dog waste composting including <a href="PetPooSkidoo">PetPooSkidoo</a> in Asheville, NC and <a href="Pet Scoop">Pet Scoop</a> in Denver, CO, although we were unable to find any companies in your area that provide this service.

# VII. Appendix: Tracking the Smart City Landscape

Smart city projects are being implemented all across the world, and there is no comprehensive list of every project being implemented and its success. Vineyard is already investigating an impressive number of smart city projects, as listed in Section II. Roadmap of this document. Should Vineyard want to investigate more different types of projects SRT Labs suggests keeping an eye on national and world wide smart city awards. Reading about nominees and winners of these awards is an excellent way to keep track of the smart city landscape and learn about the most effective projects enacted in different parts of the world. Below is a list of different smart city awards that Vineyard could track to achieve this goal.

- International Data Corporation's North American Smart City Awards are presented at the annual Smart Cities Connect Conference and are based on the following 14 categories:
  - Administration
  - Civic Engagement
  - Data-Driven Policing
  - Next-Generation Emergency Services
  - Digital Equity and Accessibility
  - Economic Development Tourism Art Libraries Culture Open Spaces
  - Education
  - Public Health and Social Services
  - Smart Buildings, Smart Water, Sustainable Infrastructure
  - Transportation
  - Transportation Infrastructure
  - Urban Planning and Land Use
- The <u>World Smart City Awards</u> are presented at the annual <u>Smart City Expo World Congress</u> and are based on the following categories:
  - Enabling Technologies
  - Energy & Environment
  - Mobility
  - Governance
  - Living & Inclusion
  - Economy
  - Infrastructure & Buildings
  - Safety & Security

- The <u>World Smart City Expo Awards</u> are presented at the annual <u>World Smart City Expo</u> and are based on the following categories:
  - Overseas Cooperation
  - City
  - Mobility
  - Energy & Environment
  - Tech & Solution

# VIII. Appendix: Crosswalk of Vineyard Goals



# **Technology**

Vineyard's Technology goals include:

- Establish and maintain a flexible technology infrastructure that supports economic development goals, City services, and transportation infrastructure.
- Continue to utilize and adopt advances in technology to enhance City services and improve communication and public access to all services, planning, decision making and activities.

SRT's *M1 Platform* is a technical base layer for smart cities, allowing for the integration of software and hardware, regardless of manufacturer. SRT's recommendations support City Services by improving communication across platforms for City use, as well as for residents. The *M1 Platform* was designed to be a flexible framework that allows for integration of new and developing technologies.



# **Public Facilities + Services**

Vineyard's Public Facilities + Services goals include:

- Provide and maintain municipal facilities that adequately serve the needs of Vineyard residents and businesses.
- Develop and maintain a progressive trash and recycling program that encourages sustainability and limits contribution to landfills.
- Maintain and expand a stormwater management program that protects the health and safety of the public and can accommodate the City's rapid growth.
- Provide adequate and reliable utility services and distribution to all residents and businesses in Vineyard in a cost-effective manner.
- Ensure and protect the quality and long-term supply of water resources, groundwater and surface water supplies.

SRT's recommendations focus first on unifying Vineyard's water management resources, from the public works management to monitoring of residential use so as to improve revenue models. The systems proposed will use the *M1 Platform*, implementing that into Vineyard's base infrastructure which will allow for rapid expansion to future opportunities to monitor, analyze, and automate the water management strategic planning. SRT Labs also recommends monitoring outdoor trash can receptacles to support the development of Vineyard's lakefront district. This project will support dynamic workloading for city staff.



# Transportation

Vineyard's Transportation goals include:

- Provide multiple connections between neighborhood, city-wide and regional systems that safely and effectively move people through, into and out of the city while mitigating traffic congestion.
- Reduce auto dependency in Vineyard to improve air quality, reduce traffic congestion and enhance the quality of life.
- Maintain and enhance Vineyard's environmental standards as the City's transportation system grows.
- Provide a range of transportation options including light rail, commuter rail, bus, bicycle paths and pedestrian routes.
- Adopt a Complete Streets Policy to ensure safe access for all users, including pedestrians, bicyclists, vehicles and transit riders of all abilities.

SRT's recommendation is to expand the instrumentation for monitoring vehicle, pedestrian, and bike traffic across the city. SRT's use of the counts will allow for planning regarding street loading, identifying speed concerns, traffic flow, traffic jam and related environmental pollutants, as well as track trail usage. Understanding usage across the city will support traffic planning that creates a resident-centered experience, while also providing data that will support economic development. Once city transportation data is collected, it will shine a light on the areas most used, as well as provide a baseline metric with which to compare the impact of future data, to help track the status of these transportation goals over time. This project is a vital first step to achieving Vineyard's transportation goals.



# Open Space, Parks + Trails

Vineyard's Open Space, Parks + Trails goals include:

- Overall 1. Prepare a comprehensive Open Space, Parks + Trails Master Plan to strategically plan for and provide a framework for decision-making.
- Overall 3. Broaden, enhance and promote recreation opportunities and recreational tourism.
- OS3. Increase the amount of publicly accessed open spaces provided throughout Vineyard.
- P1. Provide an appropriate number and size of parks and open space for all Vineyard residents and visitors.
- P2. Ensure all residents have access to well maintained, clean and safe open space, parks and recreational facilities.
- T1. Enhance, improve and connect existing bicycle and pedestrian trail network throughout the city and to the regional trail network.
- L1. Ensure the Lakefront is an active, celebrated, and engaging place that residents and visitors enjoy by improving and developing sections of the shoreline and making needed improvements to adjacent lands.

SRT's recommendation for trail monitoring will support the majority of tracking the success of these goals, providing information on whether the developed path, trails, bike lanes, and park spaces are being utilized by the residents, documenting greatest use so that resource allocation can be justified for planning. Additionally, the proposed project for monitoring trash can receptacles will support parks being accessible and clean, as well as supporting the development of an active Lakefront.



# **Economic Development**

Vineyard's Economic Development goals include:

- Create an effective and proactive business recruitment program that directs resources toward targeted businesses and industries.
- Activate Vineyard's natural resources, including the lakefront and Utah Lake, to improve the tourism sector of the economy and attract new Businesses.
- Focus future development and investment efforts on implementing the Town Center and Forge Special Zoning Districts while maintaining the intent of these districts to create distinctive walkable village centers.

SRT's recommended projects for vehicle, pedestrian, and bicycle traffic monitoring will provide needed data for business recruitment, as well as allow Vineyard to better evaluate pricing of business locations for higher traffic areas. Vineyard's goals of activating the Lakefront, Town Center, and Forge can be evaluated for efficacy of specific initiatives with this data collection in place, as well as the data collection around outdoor event opportunities. In addition, the smart trash can receptacles will support the needs for an inviting walkable district.



#### Land Use

Vineyard's Land Use goals include:

- Enhance Vineyard's identity as a community with a high standard of living, a diverse economy, and a rich mixture of housing and recreational opportunities.
- Participate in larger scale, regional planning to coordinate land uses and to maintain regional networks.
- Develop a central business area that is easily accessible to all residents and visitors to serve as Vineyard's downtown.
- Encourage a pattern of growth that reflects the City's ability to efficiently provide necessary services and anticipates the resource needs of future generations.
- Provide an adequate supply of public and private parking options in Vineyard.

SRT's recommended project in traffic monitoring (vehicle, pedestrian, and bicycle) will support and inform the planning goals. By monitoring the use of the roads, trails, and spaces like the outdoor event spaces, Vineyard will be able to inform regional planning networks and advocate for how to better serve their residents.

# Vehicle, Bike, and Pedestrian Traffic Software Systems Proposal

City of Vineyard, Utah April 2023

# Overview

### Context

The city of Vineyard engaged Service Robotics & Technologies (SRT Labs) to analyze opportunities for smart city growth that improve the resident experience, reduce costs on the city, and support Vineyard's needs in water and environmental management. Strategic planning to optimize existing infrastructure—while also looking forward towards infrastructure improvements—supports Vineyard's commitment to achieving major milestones in improving the quality of life in Vineyard while being financially responsible with taxpayer funds. SRT Labs has completed a review and provides the following recommendations through the lens of:

- Creating an interconnected, flexible base layer for smart city technologies, so as to allow for new and better technologies to be layered in over time;
- Beginning by optimizing existing infrastructure; and
- Improving data collection, analysis, automation, and communications to affect city staff and residents.

# Alignment with the Vineyard General Plan

Vineyard's <u>General Plan</u> references the eight elements of their city's planned growth (see Figure 1), as well as the goals and key activities that the city is undertaking to achieve the goals. SRT Labs has recommended and prioritized projects based on the General Plan addressing six of Vineyard's eight elements: Land Use, Open Spaces, Parks + Trails, Economic Development, Transportation, Public Facilities + Services, and Technology.

SRT Labs works through its Assessment Framework for Smart City Technologies, focusing a city on well-developed projects that meet their needs, while keeping an eye on the landscape. Implementation of new technologies will adjust and improve the way existing systems are utilized, so this cycle will continue as a means of improving access to information and services for Vineyard. SRT Labs recommends moving the projects outlined in the Final Report in a phased approach. These projects have been reviewed by Vineyard's staff and the Vehicle, Bike, and Pedestrian Traffic Proposal has been determined to be the most advantageous use of funding for Vineyard's overall goals.

#### Who We Are And What We Do

Service Robotics & Technologies (SRT Labs) brings essential legacy infrastructure into a unified data management ecosystem. Our integration framework, the M1 Platform, brings together collaborative robotics and smart sensors with existing software and hardware to monitor, analyze and automate systems. This single pane of glass dashboard means information from one system can automate actions in another. From building automation systems (BAS) to automated warehouse technology and asset tracking, to environmental monitoring and building security, SRT Labs provides concise insights for decision makers and increases infrastructure readiness so that facility leaders can rely on effective and efficient systems.



Service Robotics & Technologies, Inc. | 571.327.8763 | www.srtlabs.com | @SRTLabs | 7880 Backlick Road, Suite 4B, Springfield, VA 22150 Satellite: The Rig, 1555 Freedom Drive, Provo, UT 84604

# Proposed Projects and Value to Vineyard

# III.B. Vehicle, Bike, and Pedestrian Traffic Monitoring

**Context.** Vineyard wants to support a positive resident experience by affirming that current and planned infrastructure aligns with use, specifically with regard to movement throughout the city. Monitoring vehicular traffic will provide valuable information to Vineyard as it grows. City officials can use traffic data to verify which roads see the most usage, which areas are the most dangerous, and what types of vehicles travel on different roads. This information will allow Vineyard to plan for future traffic patterns and infrastructure updates to improve traffic flow and road safety. Finally, as Vineyard is growing into a bikeable and walkable city, the City would like to monitor trail usage.

**Proposed Solution.** This project is detailed in the Vehicle, Bike, and Pedestrian Traffic Monitoring Deployment Document. SRT Labs recommends expanding monitoring to include the following:

#### Trail Monitoring

o Implement and expand pedestrian and cyclist monitoring at trail entrances. This will monitor trail usage, and provide insight on which trails to expand, how the trail is used in conjunction with the greater Utah trail system, schedule trail maintenance, and create publishable statistics on the expanding walkability and bikeability of the city.

#### Software Integrations

- o Integrate with Eco-Counter API. This will allow vehicle, bicycle, and pedestrian count numbers to be integrated into Vineyard's city platform.
- o Integrate with ArcGIS. This will allow the city to visualize traffic data on its existing ArcGIS system, either for internal use or as part of its general land use database.

**Value to Vineyard.** This project will monitor vital infrastructure and provide value as follows:

#### Leadership

- Traffic data counts over time support tracking city growth.
- Traffic data counts and relative usage from highways can be used for funding requests.
- Analysis of traffic changes over summer months can specify the traffic related to UVU students and support negotiations with UVU regarding support of UVU transit in Vineyard.
- Traffic counts can be used to draw businesses by demonstrating potential customer bases.
- Traffic data can indicate if road congestion is increasing, affecting residents' quality of life.
- Summary metrics on usage, such as the average number of visitors per trail per day, can demonstrate the involvement level of residents in Vineyard life.

#### City Staff

- Understanding the current traffic patterns, road usage, and travel times between key city attractions can inform adjustment of traffic patterns as Vineyard grows.
- Understanding the usage of the parks and trails will allow Parks & Recreation to justify how maintenance teams should be distributed across existing recreational areas.
- Understanding the usage of the parks and trails will allow Parks & Recreation to justify the allocation of resources for upgrades and maintenance.

#### Residents

Summary statistics on street and trail usage, can be included in the ArcGIS Land Use
 Database, both to inform daily use and to provide information regarding how Vineyard's

growth is being managed.



This recommended project supports the General Plan's goals for Land Use:

Goal 1: Enhance Vineyard's identity as a community with a high standard of living, a diverse economy, and a rich mixture of housing and recreational opportunities.

Goal 2: Participate in larger-scale, regional planning to coordinate land uses and to maintain regional networks.



This recommended project supports the General Plan's goals for **Economic Development**:

Goal 1: Create an effective and proactive business recruitment program that directs resources toward targeted businesses and industries.

Goal 5: Establish zoning that encourages strategic, accessible, and centralized economic centers that will integrate appropriately into the community.

Goal 6: Activate Vineyard's natural resources, including the lakefront and Utah Lake, to improve the tourism sector of the economy and attract new businesses.



This recommended project supports the General Plan's goals Open Space, Parks + Trails:

Goal Overall 1: Prepare a comprehensive Open Space, Parks + Trails Master Plan to strategically plan for and provide a framework for decision-making.

Goal Open Space 3: Increase the amount of publicly accessed open spaces provided throughout Vineyard.

Goal Trails 1: Enhance, improve, and connect the existing bicycle and pedestrian trail network throughout the city and to the regional trail network.

Lakefront 1: Ensure the Lakefront is an active, celebrated, and engaging place that residents and visitors enjoy visiting by improving and developing sections of the shoreline and making needed improvements to adjacent lands.



This recommended project supports the General Plan's goals for **Transportation**:

Goal 5: Adopt a Complete Streets Policy to ensure safe access for all users, including pedestrians, bicyclists, vehicles, and transit riders of all abilities.

**Client Responsibilities.** SRT Labs is committed to delivering Client solutions that fit into a Client's existing or intended workflow. We carefully monitor and evaluate Client concerns to support adoption throughout the implementation process. The Client will be responsible for the following during the successful implementation of this project:

- Review planning documentation and be available for bi-weekly meetings,
- Provide documentation for accessing systems and support IT coordination, and
- Support partnerships with third party software providers, such as the BAS or Room Reservation
- SRT Labs is not responsible for licensing or upgrades to existing software or hardware systems, as those are direct costs between the Client and their direct vendor. SRT Labs will support research and alignment with vendors for any upgrades that may be necessary.

# **Pricing and Expected Timeline**

For the Proposed Solution for this project, pricing has been estimated based on SRT's existing knowledge of the Client's traffic systems. All costs are subject to change based on the final, executed Statement of Work.

# **Pricing**

#### **Implementation and Hardware Costs (12 Cameras)**

- **\$174,104**
- This does not include API licenses that may be required for existing software systems.

#### M1 Smart City Platform Annual Licencing with a 5-year contract

• \$15,000/annual when fully deployed. (Provides base layer for up to 10 modules)

#### Traffic Module Annual Licencing with a 5-year contract

- \$10,397/annual when fully deployed.
- This does not include integrations with the UDOT systems.

#### Additional Implementation and Hardware Costs per Additional Camera

**\$11,099** 

#### **Additional Annual Costs per Additional Camera**

+\$546/annual to existing license

#### **Timeline**

# **Estimated Timeline from Signed Contract and Project Kickoff:**

- Month 1. Solution Design and Hardware Procurement
- Month 2. Dashboard Feature Development for System Monitoring
- Month 3. Begin Rollout for System Monitoring
- Month 4. Feature Development for Dashboarding and Analytics

**Future Opportunities.** Once the *M1 Smart City Platform* is deployed for trail monitoring, there is an opportunity to utilize the *M1* to monitor and analyze the other systems within the city, both expected and planned. Additionally, other capabilities of the *M1 Platform* that may provide additional value-add to Vineyard include:

- Vehicle Traffic Intersection monitoring across the city;
- Machine Health monitoring, aligning with use and condition;
- Data related nearby universities effect on traffic and vehicles;

and many additional capabilities, making your university a truly smart campus.





# PROCLAMATION 2023-02 ARBOR DAY

**WHEREAS**, in 1872, the Nebraska Board of Agriculture established a special day to be set aside for the planting of trees; and

WHEREAS, Arbor Day is now observed throughout the nation and the world; and

**WHEREAS,** trees can be a solution to combating climate change by reducing the erosion of our precious topsoil by wind and water, cutting heating and cooling costs, moderating the temperature, cleaning the air, producing life-giving oxygen, and providing habitat for wildlife; and

**WHEREAS**, trees are a renewable resource giving us paper, wood for our homes, fuel for our fires, and countless other wood products; and

**WHEREAS**, trees in our city increase property values, enhance the economic vitality of business areas, and beautify our community; and

**WHEREAS**, trees, wherever they are planted, are a source of joy and spiritual renewal.

**NOW, THEREFORE,** I, Julie Fullmer, Mayor of the city of Vineyard, Utah, do hereby proclaim April 28, 2023, as ARBOR DAY and urge all Vineyard residents to celebrate Arbor Day and to support efforts to protect our trees and woodlands; and

**FURTHERMORE,** I urge all residents to plant trees to gladden the heart and promote the well-being of this and future generations.

Dated this 26th day of April 2023.

Mayor Julie Fullmer

Attest:

City Recorder Pamela Spencer





# PROCLAMATION 2023-03 Building Safety Month

WHEREAS, Vineyard is committed to recognizing that our growth and strength depend on the safety and essential role our homes, buildings and infrastructure play, both in everyday life and when disasters strike; and

**WHEREAS**, our confidence in the resilience of these buildings that make up our community is achieved through the devotion of vigilant guardians—building safety and fire prevention officials, architects, engineers, builders, tradespeople, design professionals, laborers, plumbers and others in the construction industry—who work year-round to ensure the safe construction of buildings; and

**WHEREAS**, these guardians are dedicated members of the International Code Council, a nonprofit that brings together local, state, territorial, tribal, and federal officials who are experts in the built environment to create and implement the highest-quality codes to protect us in the buildings where we live, learn, work and play; and

**WHEREAS**, these modern building codes include safeguards to protect the public from hazards such as hurricanes, snowstorms, tornadoes, wildland fires, floods and earthquakes; and

**WHEREAS**, Building Safety Month is sponsored by the International Code Council to remind the public about the critical role of our communities' largely unknown protectors of public safety—our local code officials—who assure us of safe, sustainable, and affordable buildings that are essential to our prosperity; and

**WHEREAS,** "It Starts With You," the theme for Building Safety Month 2023, encourages us all to raise awareness about planning for safe and sustainable construction; career opportunities in building safety; understanding disaster mitigation, energy conservation; and creating a safe and abundant water supply for all our benefit; and

WHEREAS, each year, in observance of Building Safety Month, people all over the world are asked to consider the commitment to improve building safety, resilience and economic investment at home and in the community, and to acknowledge the essential service provided to all of us by local and state building departments, fire prevention bureaus and federal agencies in protecting lives and property.

**NOW, THEREFORE,** I, Julie Fullmer, Mayor of the City of Vineyard, do hereby proclaim the month of May 2023 as Building Safety Month. Accordingly, I encourage our citizens to join us as we participate in Building Safety Month activities.

Dated this 26 <sup>th</sup> day of April 2023.		
Attest:	Mayor Julie Fullmer	
City Recorder Pamela Spencer		



Dated this 26th day of April 2023

# PROCLAMATION 2023-04 Bike Month

**WHEREAS**, the bicycle is an economical, healthy, convenient, and environmentally sound form of transportation and an excellent tool for recreation and enjoyment of Vineyard's scenic beauty; and

**WHEREAS**, throughout the month of May, the residents of Vineyard and its visitors will experience the joys of bicycling through educational programs, races, commuting events, charity events, or by simply getting out and going for a ride; and

**WHEREAS**, Vineyard's roads and trail systems attract bicyclists each year, providing economic health, transportation, tourism, and scenic benefits; and

**WHEREAS**, creating a bicycling-friendly community has been shown to improve citizens' health, well-being, and quality of life, growing the economy of Vineyard, attracting tourism dollars, improving traffic safety, supporting student learning outcomes, and reducing pollution, congestion, and wear and tear on our streets and roads; and

**WHEREAS**, the League of American Bicyclists, schools, parks and recreation departments, police departments, public health districts, hospitals, companies and civic groups will be promoting bicycling during the month of May; and

**WHEREAS**, these groups are also promoting bicycle tourism year-round to attract more visitors to enjoy our local restaurants, retail establishments, and cultural and scenic attractions; and

**WHEREAS**, these groups are also promoting greater public awareness of bicycle operation and safety education in an effort to reduce collisions, injuries, and fatalities and improve health and safety for everyone on the road; and

**NOW, THEREFORE,** I, Julie Fullmer, Mayor of Vineyard, do hereby proclaim the month of May as "Bike Month" in Vineyard, and I urge all residents to join me in this special observance.

Duted this 20th day of April 2023.	
	Mayor Julie Fullmer
Attest:	·
City Recorder Pamela Spencer	



Dated this 26<sup>th</sup> day of April 2023.

# PROCLAMATION 2023-05 DRINKING WATER WEEK

**WHEREAS,** water is one of Vineyard, Utah's most valuable natural resources, and a basic and essential element of life; and

**WHEREAS,** the health, comfort, safety, and economic vitality of the Vineyard community and its citizens depend on a readily available supply of safe, high-quality potable water, and our tap water delivers public health and fire protection, and it supports our economy and the quality of life for our area; and

**WHEREAS,** any measure of a successful society – low mortality rates, economic growth and diversity, productivity, and public safety – is greatly influenced by its access to safe drinking water; and

WHEREAS, many dedicated men and women have made, and continue to make significant contributions to the development, operation, and daily maintenance of our public water systems including the City of Vineyard Water Division, which has received high marks for customer satisfaction in national surveys and greatly benefits all members of the community; and

**WHEREAS,** we are all charged with being stewards of the water infrastructure upon which future generations will depend on to receive clean drinking water, and it is important to remember the value of our water resources; and

**WHEREAS,** the City of Vineyard encourages each citizen to help join in the efforts to help protect our source waters from pollution, to practice water conservation, and to get involved in local water issues by understanding our region's surface water, groundwater, and alternative water sources.

**NOW, THEREFORE,** I, Julie Fullmer, Mayor of the City of Vineyard, do hereby proclaim the week of May 7-13, 2023, as "DRINKING WATER WEEK" in the city of Vineyard, Utah and urge all citizens help to protect our water sources from trash and polluted runoff, practice water conservation, encourage the use of reclaimed water, and support the efforts of the individuals who are dedicated to ensuring our city's growing water needs will be met in the safest, most efficient, and expeditious manner.

Attest:	Mayor Julie Fullmer
Attest.	
	<u> </u>
City Recorder Pamela Spencer	



#### PROCLAMATION 2023-06

#### NATIONAL PUBLIC WORKS WEEK

May 21-27, 2023

"Connecting the World Through Public Works"

WHEREAS, public works professionals focus on infrastructure, facilities and services that are of vital importance to sustainable and resilient communities and to the public health, high quality of life and well-being of the people of **Vineyard City**; and,

WHEREAS, these infrastructure, facilities and services could not be provided without the dedicated efforts of public works professionals, who are engineers, managers, and employees at all levels of government and the private sector, who are responsible for rebuilding, improving, and protecting our nation's transportation, water supply, water treatment and solid waste systems, public buildings, and other structures and facilities essential for our citizens; and,

WHEREAS, it is in the public interest for the citizens, civic leaders and children in **Vineyard City** to gain knowledge of and to maintain an ongoing interest and understanding of the importance of public works and public works programs in their respective communities; and,

WHEREAS, the year 2023 marks the 63rd annual National Public Works Week sponsored by the American Public Works Association be it now

RESOLVED, I, **Mayor Julie Fullmer**, do hereby designate the week May 21–27, 2023 as National Public Works Week; I urge all citizens to join with representatives of the American Public Works Association and government agencies in activities, events, and ceremonies designed to pay tribute to our public works professionals, engineers, managers, and employees and to recognize the substantial contributions they make to protecting our national health, safety, and quality of life.

IN WITNESS WH	EREOF, I hav	e hereunto set my	hand and caused the Seal of Vineyard to be affixed,
Dated this	day of	2023.	
			Mayor Julie Fullmer
Attest:			
City Recorder Pam	ela Spencer		



#### VINEYARD CITY COUNCIL STAFF REPORT

**Meeting Date:** April 26<sup>th</sup> 2023

**Agenda Item:** 10.1 Genderbands – Utah Trans Pride Festival

**Department:** Admin **Presenter:** Anna Nelson

#### **Background/Discussion:**

Genderbands have applied for a special event permit for an event at Grove Park on 8/12/2023

They are anticipating 500 participants in attendance.

They would like to use Grove Park soccer fields and have a minimum of 30 vendors and a max of 60 vendors, a stage for speakers, and food trucks.

We are supportive of hosting events within the city and have attempted to facilitate this as much as possible. We have met as staff to make sure that we provide this recommendation that will work for each of the staff members involved.

Genderbands are requesting a fee waiver.

## **Impact:**

- All of the parking is required at the park including the detention area to ensure enough parking is available for the participants at the event.
- Adult Soccer will be happing on the far West side of the soccer fields until 12:00 that morning.

#### **Recommendation:**

We are recommending Four conditions for approval.

### Adjustment to the time of the event:

To accommodate Adult Soccer. Start time to start at 1:00 PM with the event going until 7:00 PM. Set up can still begin at 8:00 AM

### Amended Map:

See the attached Map titled Staff Recommended Map. Because the park is extremely busy we are recommending an adjustment to vendor booth locations.

### Parking plan:

We are recommending that an adequate parking plan is required to ensure enough parking is provided for all participants. This would include approval from Trailside or Freedom Elementary. And the use of the park's parking lot.

#### Rental fee:



#### VINEYARD CITY COUNCIL STAFF REPORT

We are recommending the following Fees and Deposits based on our Consolidated Fee

Schedule:

Fees:

Special Event Fee: \$100

Facility Field Rental Fee: \$400

A Facility Large Pavilion Rental Fee: \$150 A Facility South Small Pavilion Rental Fee: \$80

### **Refundable Deposits:**

Field Rental Deposit: \$300

Large Pavilion Rental Deposit: \$150 Small Pavilion Rental Deposit: \$80

For a total of \$730 in fees and a \$530 Deposit. That amount will cover the direct

maintenance and repair costs as well as the staff time required during and after the event.

### **Sample Motion:**

I move to approve the special events permit for Genderbands Grove Park on August 12<sup>th</sup> with the Four conditions that have been recommended by staff.

#### **Attachments:**

See attached Special Event Applications and site plans



# **Special Event Permit Checklist**

# Who needs to obtain a Special Event Permit?

If you are organizing an event for a group of fifty or more people within the boundaries of Vineyard (see the attached Boundary Map page), then you will need a Special Events Permit. If you are planning a block party, you will not need a Special Event Permit. If you are planning a Block Party that will require a road closure, please submit a Block Party Courtesy Notice.

Complete applications must be submitted to the city **no later than thirty (30) days** prior to the event. Please submit the following with the application: □ Detailed Event Site Plan. Must include street names, route or boundaries marked on map, placement of any

= 2 trained 2 train site 1 min. France include street mannes, 10 miles of 00 minutes mannes on map, processing
barricades, road/sidewalk closures, fencing, inflatables, tables, vendor booths or portable toilets, etc. □ Parking Plan
□ Crowd Control Plan
□ Security/Safety Plan
□ Communication Plan
□ Trash collection plan
□ A certificate of insurance evidencing general liability or general liability and umbrella insurance coverage for the applicant in the minimum amount of \$1,000,000 per occurrence, and naming Vineyard as additional insured, in effect on the date of the event. (Please see the attached example insurance certificate.)
□ Written authorization from the property owner for Events held on private property
<ul> <li>□ If the event has vendors:         <ul> <li>a list of the vendors (see the attached Vendor Information sheet)</li> <li>Temporary Sales Tax Number for Event and vendors. Forms available upon request, or contact the State of Utah Special Events Tax Division at 801-297-6303.</li> <li>Utah County Health Department Permit for vendors selling food</li> </ul> </li> </ul>
☐ If alcoholic beverages will be available at the event, a separate Class C Temporary Liquor License or Class D Temporary Beer License is required. Please note that alcohol use is PROHIBITED on City property. (Vineyard Municipal Code Chapter 8-300)
□ Special Event Permit Fee: \$50 for events with 50-250 people, \$75 for events with vendors, \$100 for events with 250+ people. Events with 500+ people gathered for two or more hours will also require a Utah County Health Department Temporary Mass Gathering Permit. Please contact the Utah County Health Department Division of Environmental Health for more details at 801-851-7525.
$\square$ \$200 refundable deposit if the event includes the use of a bounce house or inflatable play equipment. $\square$
Additional fees may apply, based on Vineyard or Sheriff personnel that may be required for your event.

The authority to regulate special events within Vineyard is provided in Chapter 13-500, Articles 13-4 and 13-8 of the Vineyard Municipal Code. Copies of the Code are available online at www.vineyard.utah.gov.

Special Events Department 125 South Main St. (801)226-1929

**Application Received** 



# **Special Event Permit**

**APPLICANT INFORMATION** 

# **Application**

The following application must be submitted **30 days prior to the scheduled event**, and the permit must be obtained a minimum of one week prior to the event. This application DOES NOT constitute a valid Special Event Permit until approved by the City.

Name of Applicant:	lan Giles			Date	e of application: March 19, 2023	
Applying on behalf of	f (if other than self): Gender	bands				
Email address: pride	@genderbands.org					
Mailing Address: 51 V	W. Center St. #341					
City: Orem State: UT Zip Code			Zip Code:	84057	Phone: 385-955-1420	
Name of Event: Utah	Trans Pride Festival	1	<u>.I</u>			
Date of Event: Saturo	day, August 12, 2023					
EVENT INFORM	MATION					
Name of Event: Utah	Trans Pride Festival					
Date of Event: Saturo	day, August 12, 2023			Number of people anticipated at event: 500		
Setup:	Start time: 8	Start time: 8am		End time: 12pm		
Cleanup:	Start time: 6	Start time: 6pm		End time: 9pm		
Event:	Event Start ti	ime: 12pm		Event End time: 6pm		
_	ertainment   Other:					
iverse transgender nti-trans bills in ou	community. It features ir country right now, ha	vendors, ent	tertainers, a nunity is mo	and others of ore importation	, and brings visibility to our amazingly n the trans spectrum. With all of the nt than ever. Utah Trans Pride's purpose is ces provided by Genderbands.	
Vill Vineyard street	ts be used? □ Yes 🔲 N	No				
Vill streets need to	be closed/blocked to tra	affic? □ Yes	No			
If any portion of a	street is closed, the eve	-	will need to pplicant agr	-	arricades. As a consideration for this permit,	
Rent or secure ba	arricades from a license	•				

2. Assume all liability of erection and maintenance of barricades.3. Clean up the area upon termination of the permitted use.

- 4. Assume all liability for the applicant's use of the street during the specified period.
- 5. Ensure that barricades will be conspicuously displayed and lighted if the event takes place prior to dawn or after dusk.

Will you be using portable toilets? ☐ Yes No

Have you made arrangements for trash disposal? Yes ☐ No

Will your event include the use of a Vineyard pavilion? Yes ☐ No

If yes, a pavilion reservation is also required.

Will your event include the use of a bounce house or inflatable play equipment? ☐ Yes No

If yes, a refundable \$200 deposit is required. Additional fees may be assessed after the event for any damages on city property due to bounce houses/inflatables.

#### Vendors/Food/Alcohol

Will there be vendors selling products or services? ■ Yes □ No

If yes, we require the Temporary Sales Tax Numbers from the State of Utah Special Events Tax Division for all vendors. Please complete the attached Vendor Information sheet.

If vendors are selling food, submit a copy of their Utah County Health Department Permit.

If vendors are selling alcohol, a separate Class C Temporary Liquor License or Class D Temporary Beer License is required. Please note that alcohol use is PROHIBITED on City property. (Vineyard Municipal Code Chapter 8-300)

# Law Enforcement/Security Services

Each special event permit application will be reviewed, and based on event type and number of attendees, the Utah County Sheriff's Department will determine the number of law enforcement personnel required for the event, if any.

We contract with the Utah County Sheriff's Department. If you are in need of any law enforcement services for your event, please contact them at (801)794-3970. See the attached Agreement for Supplemental Law Enforcement Services.

By submitting a signed application, the applicant certifies that falsifying any information on this application constitutes cause for rejection or revocation of the permit. The applicant agrees to pay additional fees as required for the use of City services and facilities.

Applicant's Name (please print): Ian Giles

Laulailes

Applicant's Signature:

Date: March 19, 2023

City Personnel for Event Number of Hours Fee Paid \$ Utah County Sheriff Personnel for Event

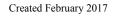
Number of Hours Fee Paid \$

This application has been reviewed, including verification of required insurance and other information, and required fees have been paid.

Vineyard Public Works Department Date

Utah County Sheriff's Office Date

Vineyard Special Events Department Date





#### **Vendor Information**

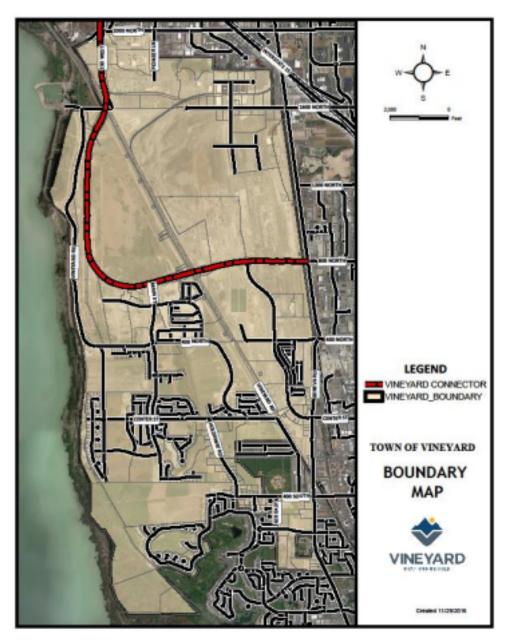
Please provide the following information for each vendor. Utah State Temporary Sales Tax Applications are available upon request, or contact the State of Utah Special Events Tax Division at 801-297-6303. Those selling food will also need to provide a copy of their Utah County Health Department Permit. Any vendors based in Vineyard will also need to have a Vineyard Business License. Once required documents are received and verified, we will issue each vendor a badge for use during the event.

Vendor Name	Vendor Phone Number	Product or Service to be offered at Event

#### What are the boundaries of Vineyard?

All areas within the shaded area in the map below are in Vineyard. For special events taking place on the shoreline or on Utah Lake, contact:

Sam Braegger, Outreach Coordinator Utah Lake Commission (801)851-2904 sbraegger@utahlakecommission.org



The authority to regulate special events within Vineyard is provided in Chapter 13-500, Articles 13-4 and 13-8 of the Vineyard Municipal Code. Copies of the Code are available online at www.vineyard.utah.gov.

#### **Utah Trans Pride Festival**

Presented by Genderbands

Submitted for review March 19, 2023

**When:** August 12, 2023 12:00pm - 6:00pm

#### **Detailed Event Site Plan**

Utah Trans Pride is the only transgender-centric pride festival in Utah (and only one of 3 in the nation). It would bring food, art, and entertainment to your city for the residents and the LGBTQ+community in Utah. We were immediately impressed with your beautiful parks and accessible layout, which is one of our primary goals with this year's festival. The many sidewalks throughout the park make this one of the only parks in the county that could make our event accessible to those with wheelchairs and other mobility assistance needs.

We would like to use the sidewalks and grass areas in Vineyard Grove Park. We would place booth tents on the grass along the sidewalks so the booths can be accessible to attendees in wheelchairs. We may also utilize the concrete area on the corner of Main street and 400 north for any vendors who have accessibility needs that would prevent them from having their booths in the grass. (We are still accepting vendor applications so some things are unknown at this time.) There will be additional seating, likely folding chairs, placed throughout. It's a big park. We don't want to wear folks out too quickly!

In the north field, we'd have a stage for entertainment and a couple of tents for the entertainer's prep space. We currently plan for food vendors to be in the parking lot. If we need to move them to the north field, we will put them along the sidewalk closest to the parking lot.

There will be no fencing or road closures. We will not block access to the water area. The event is free and open to the public. We will have to block off part of the parking lot for the food vendors.

We will have a minimum of 30 vendors and an estimated maximum of 60 vendors. There will be additional tents for things including but not limited to an info booth, first aid tent, Chill Zone (quiet area), and entertainer prep tent. This is our fourth year putting on the festival however, with Covid, the last 2 were virtual. This is our first in-person Utah Trans Pride since our first one back in 2019. We are very excited to host it in-person again in your beautiful Vineyard Grove Park! In 2019 we had around 220 attendees so this year we anticipate around 500 attendees. We are promoting our event in a variety of ways including social media and with other prominent Utah organizations.

#### Parking Plan

We will be using Vineyard Grove's parking, Freedom Academy's Parking, and Trailside Elementary. Volunteers will be present to direct traffic.

#### **Crowd Control and Security Plan**

There will be any police officers the city deems necessary for the event, as well as a few of our own security guards.

#### **Communication Plan**

All committee members and volunteers will have shared contact information. Team leads will handle communication for their volunteers. The event director will handle communication with city officials.

#### **Trash Collection Plan**

We will have volunteers dedicated to keeping the grounds clean and making sure trash cans do not overflow. We will have our own large trash bags to collect trash. We will make a pile of bags by the dumpster to take to the dump after the event. If the pile gets too big during the event, a volunteer will be sent to take the trash to the dump. We strongly believe in "leave it better than you found it".

#### **Vendors list**

A vendor list will be provided when it gets closer to the event, as we are still taking applications. We will have food vendors. No alcohol is permitted at the event. There will be vendors that sell arts and crafts, homemade goods, clothing, jewelry, etc. Vendors will have 10x10 shade tents, that they provide themselves. Vendors will not have access to power but we will have a generator for the entertainment.

#### **Event insurance**

Insurance will be purchased and Proof of insurance will be provided once the venue has been confirmed.



The stage will face north with behind the stage roped off for safety.

Parking will be at both Trailside and Freedom. In addition to the park's, parking including the overflow. The main north end of the parking lot will be used for ADA.





#### **Community Development**

Date: Wednesday, April 26, 2023

**From**: Briam Amaya Perez, Senior Planner

**To**: Mayor and City Council

**Item**: 10.2 ORD. 2023-16: Vineyard Central Corridor Master Plan

**Applicant**: City Initiated

#### **SUMMARY**

As many are aware, the Central Corridor (hereinafter, "the Corridor"), the approximately 80-acre open space in the heart of the City, is an important natural feature to the community that offers diverse ecosystem services. The Corridor provides natural habitats for wildlife, helps regulate the City's climate, improves local air and water quality, provides flood mitigation in the case of extreme weather events, and enhances the aesthetics of the City. There is a lot of value and appreciation towards this area among Vineyard residents.

Unfortunately, the Corridor has not been in its best state over the years and has been increasingly infested with undesirable plant, animal, and insect species such as phragmites, scotch thistles, tamarisk, and Russian olive trees. These invasive species have negative effects on the Corridor's natural resources and wildlife. The proposed Vineyard Central Corridor Master Plan will help control the invasive species so this area can reach a more optimal state, while also providing added recreational amenities for a growing population.

In November 2021, City staff began the process of having a professional design firm finalize a formal plan for the Corridor. A Request for Proposal (RFP) was sent out to multiple firms through various networks. In addition, a Central Corridor Master Plan Committee was established comprised of members of City Council, Planning Commission, the Bicycle Advisory Commission, and City staff. This Committee played an integral part in directing the creation of the plan. In March and April, planning consultants who responded to the City's RFP were examined and interviewed.

The consultant who was ultimately selected, Project Engineering Consultants (P.E.C.—now CONSOR Engineers, LLC), displayed exceptional abilities in parks and open space planning, environmental planning, active transportation planning, best management practices in stormwater management, and planning for increasingly diverse and rapidly growing communities. Throughout the project, CONSOR has met the City's needs and has delivered the skillset required for the management of a project of this scope and magnitude. They provided online tools for community engagement, support staff at the various open houses, and of course, the visual content needed to express the intents of this plan.

As mentioned, Vineyard residents received numerous opportunities to relay their sentiments, desires, needs, and concerns regarding the project to City staff and government officials. The City, first presented this plan to the public in September 2022 through the Vineyard Central Corridor Master Plan online survey. The survey displayed aspects of the plan, and inquired about desired lifestyles, recreational amenities, and activities. The survey ran from September through November 2022. Impressively, more than 600 residents participated in the survey, providing valuable data and information that steered the outcome and success of the project.

Furthermore, the City held four (4) open houses in various locations throughout the City in the month of October and two (2) open houses in November. At the open houses, residents were given the

opportunity to ask questions regarding the plan directly to City staff, governing officials, and the consultant. They could also leave feedback and comments on the maps that were presented at the events. Moreover, City staff encouraged each resident to participate in the online survey. Many residents chose to do so on the spot. The following are the dates and locations of each open house in chronological order:

- Vineyard Grove Park (October 8, 2022)
- Rulon Gammon Park (October 11, 2022)
- Boo-a-palooza at Vineyard Grove Park (October 18, 2022)
- Vineyard City Hall (October 20, 2022)
- EDGEHomes Lakefront at Town Center Clubhouse (November 3, 2022)
- Development Services at the Home Builders Association Building (November 8, 2022)

For residents that could not attend the open houses in person, two (2) virtual events where held, via Facebook Live: The first on October 4, 2022, and the second on March 8, 2023. During these events members of the Vineyard Central Corridor Master Plan Committee and elected officials further explained the details of the existing plan and received feedback from the public. Together, both Facebook Live events received hundreds of views and several comments and shares. Overall, the City received very positive feedback on the Central Corridor Master Plan across all forms of public engagement. The City has done its very best to listen to the voices of the residents and make adjustments where feasible. City staff and Vineyard residents alike can be proud of the final draft and feel confident that the Plan is strategic, inclusive, and comprehensive. The plan has truly been made by the residents themselves.

The following are the highlights of the Vineyard Central Corridor Master Plan (please see the map for more information...):

Vineyard Grove Park and Central Corridor:

- Parking Expansion (approximately 150 new parking spaces)
- Dog park (for small and large dogs)
- 12 pickleball courts
- Serene walking trails throughout the wetlands
- Wetlands preserved throughout

#### Rulon Gammon Park

- Heritage-themed Community & Cultural Center
- Heritage-themed Community Garden
- All-Abilities Playground
- 2 Tennis Courts
- Dirt Pump Track
- Additional Multi-purpose Fields
- Safe Pedestrian Crossings and Landscaping Medians on Center Street

#### "Fishhook" and City Hall

- Vineyard Arboretum
- Skate Park and Asphalt Pump Track
- 4 Pickleball Courts
- Slacklining and Hammocking Areas

The City would like to take this opportunity to thank all the residents who provided input for this revised Vineyard Central Corridor Master Plan. The plan will be presented to the Planning Commission on April 05, 2023, and then move on to the City Council for approval into the General Plan on April 26, 2023. We encourage those who are interested in more information to attend these meetings and we will continue to provide updates through this process.

#### SUMMARY OF THE MARCH 15, 2023, PLANNING COMMISSION MEETING

A work session regarding the Vineyard Central Corridor Master Plan was held during the March 15, 2023, Planning Commission meeting. The existing plan at the time was presented to the residents and to the members of the Planning Commission. The overall reception of the plan was positive with some concerns being expressed regarding the Gammon Park section of the plan. Many of the residents' comments revolved around negative traffic and safety impacts to Holdaway Road that a potential parking lot could have on the surrounding community. The residents desired that the City move new areas intended for parking away from Holdaway Road and into a more central location within the park that could also help increase access to the various proposed amenities.

Another principle concern that was expressed was the need to preserve the serene, quiet nature of Rulon Gammon Park. Several residents expressed their love for the old Cottonwood trees and the aesthetic value and shading they provided; they also enjoyed having the baseball diamond at this location. Overall, their concern was that Gammon Park remains serene and open with lots of trees. There were also requests for adding shading and picnicking areas in this area.

A conversation ensued about the need to preserve buffering along the edges of the park and trails near property lines. The residents requested that the height of trees along the trails do not exceed 10-12 FT to maintain valuable viewsheds. Lastly, the residents placed a heavy emphasis on the importance of Historical Preservation. The residents believed that the park and the plan overall should honor the City's history through buildings, landmarks, statues, artwork, signage, plaques, displays of vintage farm implements, urban outdoor furnishings, and more. Vineyard City has a rich natural and human history that should never be forgotten, and which should always be reflected throughout the built environment.

City Staff have worked closely with the consultant, CONSOR Engineers, to incorporate the changes that have been requested by the public and are bringing forth the most recent changes made to the plan. The following changes have been made to the plan:

- 1. A centralized parking lot with 54 spaces has been provided
  - a. The All-Abilities Playground has been moved westward to accommodate the centralized parking lot
- 2. 89 total angled, on-street parking spaces have been provided along the perimeter of the Heritage Park
  - a. Minimal on-street parking has been provided along Holdaway Road
- 3. A baseball back-stop has been relocated to the west side of the new, multi-use rec fields
- 4. Heritage elements have been further detailed within the Master Plan Document
- 5. Rulon Gammon Park is largely kept serene with plenty of open space and trees
- 6. Additional trees have been added throughout the plan along with picnic tables, outdoor seating, and shading
- 7. Viewsheds have been preserved through the re-alignment of trails and buffer labels provided.

#### SUMMARY OF THE APRIL 05, 2023, PLANNING COMMISSION MEETING

Overall, reception of the proposed changes was received very well. There were numerous comments from the public expressing gratitude towards City Staff for the way that recommendations have been very well heard, addressed, and implemented. There was a question about whether the proposed multiuse fields at Gammon Park would be rented or used as a revenue source by the City. City staff replied that there have been no conversations up to that moment regarding renting these fields for the purpose of generating revenue. These fields are intended to provide additional rec space for the public on an ongoing basis and to be programmed by the Vineyard City Parks & Rec Department for city-operated leagues such as youth soccer, flag football, coach pitch, etc. Furthermore, there have not been any conversations regarding light poles to illuminate any of the recreational spaces or amenities at Gammon Park.

There was a question regarding the trees along the adjacent residential property lines at Gammon Park. Trees planted in this area will not exceed a height of 10 FT. In addition, the City is happy to accept requests from individual property owners who would like to not have any trees planted behind their property line. Once again, there were requests to slow down the speeds on Holdaway Road. There were also concerns expressed about the amount of parking necessary for the various amenities being proposed by the plan. Some residents felt that there may not be enough parking proposed. The City should make sure that this area provides sufficient parking to meet the needs of these diverse land uses.

Lastly, several comments were made regarding the importance of preserving the natural and human history of the area throughout the entirety of the site. Statues, building design and architecture, landmarks, signage, education areas, and plaques are many tools that could be used to celebrate the City's history.

#### STAFF RECOMMENDATION

City Staff recommend approval of Ordinance 2023-16: Vineyard Central Corridor Master Plan, as presented by City Staff.

#### PLANNING COMMISSION RECOMMENDATION

The Planning Commission held a public hearing on April 5, 2023, and recommended approval of the master plan to the Mayor and City Council.

#### **PROPOSED MOTION**

"I move to adopt Ordinance 2023-16 as presented by staff."

#### **ATTACHMENTS**

Ordinance 2023-16.
Vineyard Central Corridor Master Plan Site Plan
Vineyard Central Corridor Master Plan Document

## Ordinance 2023-16, Vineyard Central Corridor Master Plan

AN ORDINANCE OF THE CITY OF VINEYARD, UTAH, TO ESTABLISH THE VINEYARD CENTRAL CORRIDOR, A PARKS AND OPEN SPACE MASTER PLAN FOR THE APPROXIMATELY 80-ACRE OPEN SPACE AREA IN THE HEART OF THE CITY. THIS PLAN PROPOSES IMPROVEMENTS TO EXISTING PARKS (VINEYARD GROVE PARK AND GAMMON PARK); NEW RECREATIONAL FACILITIES AND PROGRAMMING; ENHANCEMENT AND CONSERVATION OF SENSITIVE, NATURAL FEATURES; HERITAGE-THEMED FACILITIES AND LANDMARKS; AND TRANSPORTATION IMPROVEMENTS INCLUDING ROADWAY MEDIANS, ADDITIONAL SURFACE PARKING AND ON-STREET PARKING, TRAILS, AND SAFE PEDESTRIAN CROSSINGS. PROVIDING A REPEALER CLAUSE; PROVIDING A SAVINGS AND SEVERABILITY CLAUSE, PROVIDING FOR PUBLICATION BY SUMMARY; AND PROVIDING AN EFFECTIVE DATE.

**WHEREAS,** in compliance with Utah State Municipal Land Use, Development, and Management Act (LUDMA), the City established a master plan as a companion document to the General Plan; and,

**WHEREAS,** the Vineyard Central Corridor Master Plan provides guidance for future development of the city's central corridor open space areas and places an emphasis on enhancing and preserving sensitive, natural features and creating additional recreational facilities and amenities; and,

**WHEREAS,** the Vineyard Central Corridor Master Plan provides for future transportation and public facilities improvements implementation; and

**WHEREAS,** the City held several public meetings and workshops to obtain citizen feedback on how the Vineyard central corridor open space areas and existing parks are currently being utilized and how they will be used in the future; and,

**WHEREAS,** the Planning Commission held a public hearing on April 5, 2023, and after fully considering public comment and staff recommendations, recommended approval to the City Council; and,

**WHEREAS,** the City Council reviewed the Vineyard Central Corridor Master Plan and held a public hearing on April 26, and after fully considering public comment and staff and Planning Commission's recommendations,

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF VINEYARD, UTAH:

Section 1: VINEYARD CENTRAL CORRIDOR MASTER PLAN. Attached as exhibit A.

<u>Section 2</u>: REPEALER CLAUSE. All City and Vineyard Plans, which are in conflict with the Vineyard City, The Corridor Plan herewith are hereby repealed.

<u>Section 3</u>: SAVINGS AND SEVERABILITY CLAUSE. It is hereby declared to be the legislative intent that the provisions and parts of this Ordinance shall be severable. If any paragraph, part, section, subsection, clause, or phrase of this Ordinance is for any reason held to be invalid by a Court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Ordinance.

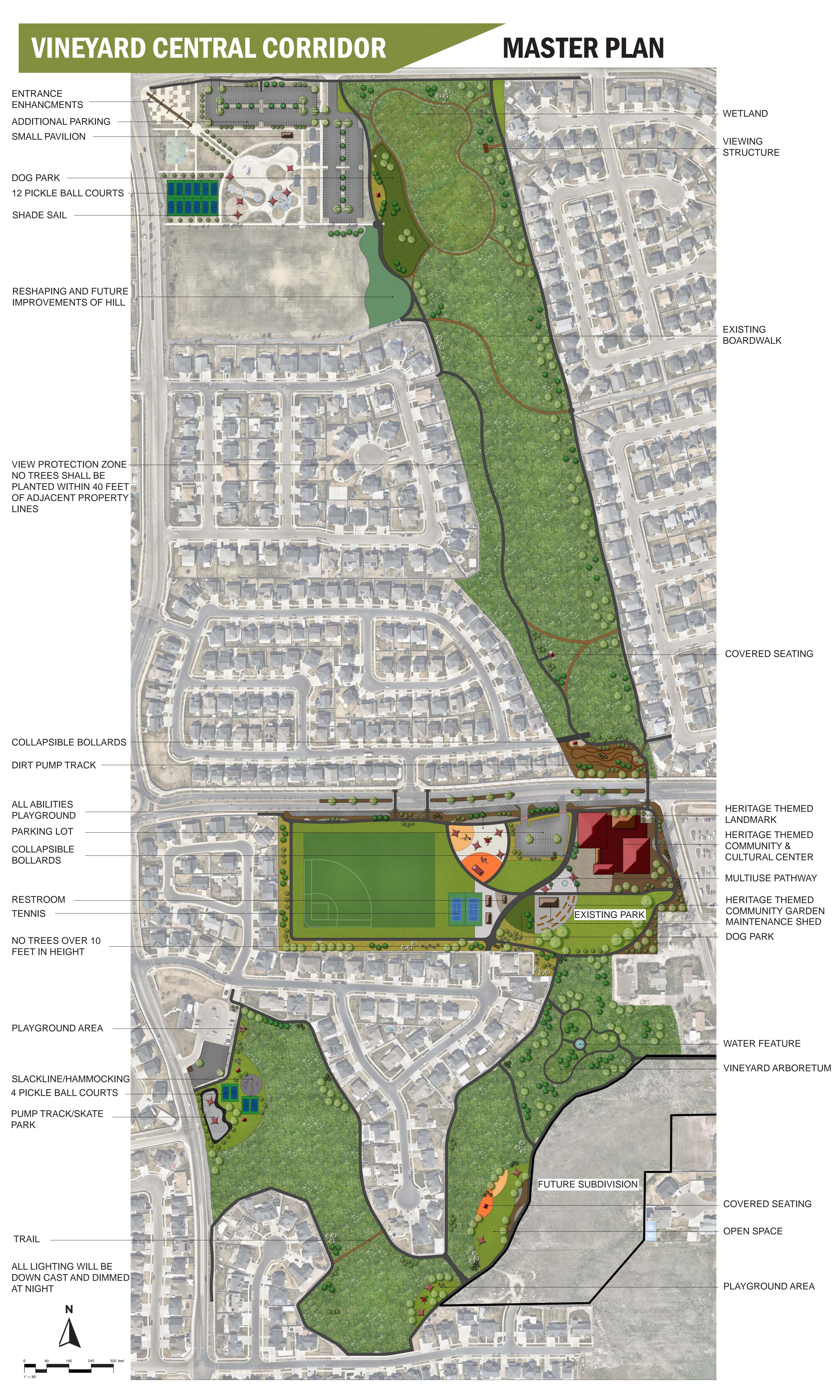
<u>Section 4</u>: PUBLICATION. This Ordinance, or a summary thereof, shall be published on the Utah Public Notice website and on Vineyard City's official website.

<u>Section 5</u>: EFFECTIVE DATE. This Ordinance shall be in full force and effect after its passage, approval, and publication according to law.

PASSED AND ADOPTED BY THE VINEYARD CITY COUNCIL ON THIS  $26^{\rm th}$  DAY OF APRIL, 2023.

	Mayor Julie Fullmer	
Attest		
City Recorder Pamela Spencer		

# Exhibit A: VINEYARD CENTRAL CORRIDOR MASTER PLAN





# VINEYARD CORRIDOR

## **CENTRAL**

## **MASTERPLAN**

#### Submitted to:

Vineyard City

#### Submitted by:

Consor Engineers 986 West 9000 South West Jordan, UT 84088 801-495-4240

April 2023

#### **Executive Summary**

Accessibility to the Vineyard Central Corridor through well-connected trail network is a key goal for this vibrant, livable, and healthy community. Well planned trails and recreational amenities are an integral part of a complete and attractive recreation system to help increase economic viability. Well planned access locations in the community aid in reducing traffic congestion in residential neighborhoods, while also helping to improve the health and quality for life of residents and communities.

An active lifestyle is a primary component in the allure of Vineyard City to many new residents. Vineyard City contracted with Consor Engineers, to create The Central Corridor Master Plan that promotes an active lifestyle. This plan focuses specifically on exploring recreational solutions and maintaining maximum natural open space. The primary goal of this plan was

to develop a plan to identify potential recreational amenities and destination locations for the Central Corridor. The plan process included coordination with Vineyard city officials and staff as well as its residents.

Tasks completed by the project team during the development of the Central Corridor Master Plan include:

- Coordination with Vineyard City staff;
- Completion of various map iterations with revisions and changes as directed by the project team;
- Completion of project and planning evaluation of potential recreation amenities;
- Completion of public open houses;
- Completion of a online public survey;
- Completion of a preliminary conceptual design;
- Completion of this open space master plan document;

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#### 1.0 Introduction

In 2021, Vineyard City contracted with Consor Engineers to complete an open space masterplan for the Vineyard Central Corridor area. The Central Corridor Master Plan was developed to provide a framework for creating a system of trails and recreation amenities throughout the property. The City envisioned serving a diverse range of users, providing safe and well-maintained linkages to important natural, recreational, and cultural spaces.

#### 1.1 Project Setting

Vineyard City is located on the west side of I-15 and west of Orem. The City has roughly 16,000 residents according to the World Population Review estimates.

The City is bordered by Orem to the east, Provo to the south, Lindon to the north, and Utah Lake to the west.

The proposed study area for the Vineyard Central Corridor Master Plan, focuses on the 25 acre site east of Vineyard Grove Park, and the open space west and south of Gammon Park - nearly 80 acres in total.

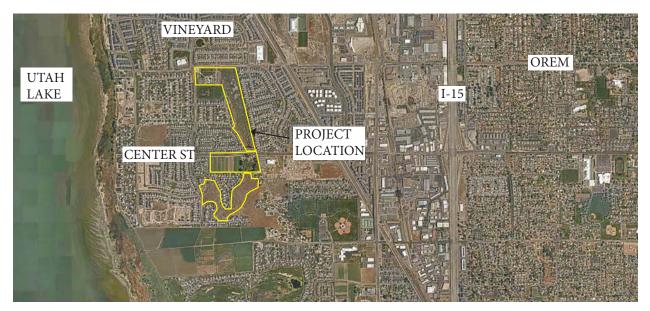


Figure 1: Location Map

#### 1.2 Importance of Open Space Planning

Well thought-out open space planning does more than create amenities for a community; a unified open space master plan does the following:

- Connects open space and trail users into a municipal and regional network;
- Connects communities;
- Encourages integrated development planning;
- Connects the local trail network to public lands and recreation areas;
- Helps preserve open space;
- Fosters an active lifestyle;

#### 1.3 Purpose of the Master Plan

Vineyard City's vision is to expand existing recreation and trail connections throughout the City. The increasing interest in recreation throughout the City calls for more recreational opportunities. Population growth and urban expansion have created a demand for unique outdoor experiences which once established, could draw new residents and regional visitors. This proposed network of trails and unique recreational opportunities will allow Vineyard City to create a safer, more cohesive community.

The City also anticipates the likelihood of the population growing over the coming years, causing increased impacts to the natural environment. By establishing a comprehensive open space master plan now, the City can plan for the development of trails, recreation, and the preservation of the natural environment.

When creating this master plan, the following goals and objectives were outlined:

- Connect to existing local and regional trails;
- Define the recreation amenities that best suit the City and its residents;
- Create a comprehensive concept plan to provide direction for future recreational and economic development;
- Highlight and celebrate the City's rich and diverse heritage;

#### 1.4 Project Team Members

Representatives from Vineyard City, and Consor Engineers were involved in the planning and development of the open space master plan; they are listed below:

#### Consor Engineering

Lars Anderson, Project Manager Bryton Shepherd, Landscape Designer Ankur Choudhary, Landscape Designer

#### Vineyard City

Briam Amaya Perez, Senior Planner
Morgan Brim, Community Development
Director
Ezra Nair, City Manager
Cristy Welsh, Council Member
Amber Rasmussen, Council Member
Bryce Brady, Planning Commission Chair
Kathryn Newman, Office Manager
Ben King, Rec Coordinator

Sullivan Love, Water Manager
Ginger Kellems, Rec Coordinator
Brian Vawdrey, Rec Manager
Bethany Bee , Social Media
Justine Marshall, MS4/Floodplain
Emily Dicataldo, Engineer in Training
Naseem Ghandour, Public Works Director

#### 1.5 Public Involvement

Vineyard City and the surrounding communities have an active population with a passion for outdoor recreation. The project team determined that public opinion and support for the master plan would be essential in its development and implementation. The project team used the following methods to involve the general public and coordinate between agencies:

- Conducted numerous public open houses;
- Organized an online user survey;
- Created presentations and informational materials;

#### 1.6 Benefits of Open Space

Trails and open space have tremendous benefits for local communities. Not only do they connect cities and towns to surrounding lands, but they also enhance the local quality of life. Vineyard City has prioritized this concept and has taken the necessary steps to prepare an open space master plan so the community can benefit from the trail system and recreational opportunities in their natural open space.

#### 1.7 Heritage Preservation

Preserving the heritage of Vineyard City will be accomplished through a multifaceted approach that involves but is not limited to the utilization of themed buildings, shade structures, landmarks, statues, artwork, signage and plaques as well as the integration of vintage farm implements throughout the city's walking paths and trail-networks. These and other elements will serve to showcase the rich and diverse history and cultural identity of the City.

The Community & Cultural Center will play a central role in this effort, serving as a hub for community events and activities as well as a location to celebrate the City's heritage. This approach will help to create unique and engaging environments for residents and visitors, and will ensure the cultural legacy of Vineyard City is preserved for generations to come.

#### 2.0 Community Engagement

Public Involvement (PI) played an integral role in the development of the Vineyard Central Corridor Master Plan. Generating support among residents was crucial to building a plan that connects neighborhoods to open space and ties the recreational locations together. To accomplish this goal, the project team held committee meetings, conducted public open houses, and organized an online survey to gauge trail usage, recreational activities, and amenities.

#### 2.1 Committee Meetings

Developing a unified open space master plan required collaboration between Vineyard City staff, its residents, and Consor Engineers. These meetings occured from June of 2022 to February of 2023.

The purpose of these meetings was to review project goals and outcomes, objectives, and

identify locations for recreational uses. The team wanted to create a plan that identified a network of trails that would connect to residential areas and incorporate recreational activities that are important to the community. The second goal was to create a public input survey to collect data concerning trail usage and recreational needs and desires. The group identified the following objectives for the plan:

- Create a comprehensive public input survey;
- Hold at least three (3) public open house meetings to receive public input on the plan.

#### 2.2 Public Open House

The team scheduled the first public open house on October 8, 2022 at Vineyard Grove Park. The purpose for the meeting was to present to the public the proposed masterplan with locations of new trails, and recreational locations. The public was given the opportunity to review the masterplan locations and make suggestions. There were five (5) additional open houses with the same objective (see list below). Several methods were used to promote the open house, including using the City's website (www.vineyardutah.org) and social media platforms.

The City's website was used as the primary information source. The project survey, open house announcements, and all materials were posted to the website. This allowed stakeholders to look at the information at their convenience.

At the open houses, residents were given the opportunity to ask questions regarding the plan directly to city staff, governing officials, and the consultant. They could also leave feedback and comments on the maps that were presented at the events. Moreover, city staff encouraged each resident to participate in the online survey. Many residents chose to do so on the spot. The following are the dates and locations of each open house in chronological order:

- Vineyard Grove Park (October 8, 2022
- Rulon Gammon Park (October 11, 2022
- Boo-a-palooza (October 18, 2022)
- Vineyard City Hall (October 20, 2022)
- Lakefront at TC Clubhouse (November 3, 2022)
- Development Services at the Home Builders Association Building (November 8, 2022)

For residents that could not attend the open houses in person, two (2) virtual events where held, via Facebook Live: The first on October 4, 2022 and the second on March 8, 2023. During the events members of the Vineyard Central Corridor Master Plan Comittee and Elected Officials further explained the details of the existing plan and recieved feedback from the public. Together, both Facebook Live events recieved hundreds of views and several comments and shares. Overall, the city received very positive feedback on the plan across all forms of public engagement. The city has done its very best to listen to the voices of the residents and make adjustments where feasible. City staff and Vineyard residents alike can be proud of the final draft and feel confident that the plan is inclusive and comprehensive. The plan has truly been made by the residents themselves.

#### 2.3 Public Opinion Survey

The project team developed an online survey of questions to measure topics such as frequency of park use, desired recreational amenities, and locations. The survey was posted on the City website and a QR code was available for those who were present at the open house.

More than 600 people responded to the survey. Over 98% of the respondents were Vineyard residents.

Some key findings from the survey included the following:

- 80% of respondents had children in the household;
- 35% of respondents live directly adjacent to the proposed park;
- 75% of respondents would use the park daily or weekly, 22% of respondents daily and 52% of respondents weekly;
- 55% of respondents will access the Corridor on foot, while the other 45% will access the park either by automobile or biking;

#### 3.0 Conclusion

The Vineyard Central Corridor Master Plan aims to provide a comprehensive strategy for enhancing recreational amenities, heritage preservation, education, and trail connections in the area. The purpose of this open space master plan is to expand the existing recreational, historical preservation, and education options by providing a framework for development.

The process involved public engagement through open comment forums to ensure that the proposed plan incorporates the wants and desires of the residents. This approach ensures that the plan is tailored to meet the unique needs and preferences of the community.

The proposed plan centers around exploring and identifying potential trail connections, recreational amenities, and historical amenities throughout the Central Corridor. Implementing the proposed amenities outlined in the master plan will transform the Vineyard Central Corridor into an enjoyable, recreational-centered, historically rich environment.



Figure 2: Existing boardwalk through wetlands east of Grove Park



Figure 3: Existing trail through "Fish Hook" area south of Gammon Park.



Figure 4: Proposed location of multi-Use fields, playground



Figure 5: Existing Gammon Park



Figure 6: Proposed dog park location



Figure 7: Proposed location of arboretum

#### **VINEYARD CENTRAL CORRIDOR MASTER PLAN** ENTRANCE ENHANCMENTS WETLAND ADDITIONAL PARKING SMALL PAVILION VIEWING STRUCTURE DOG PARK 12 PICKLE BALL COURTS SHADE SAIL RESHAPING AND FUTURE IMPROVEMENTS OF HILL **EXISTING** BOARDWALK VIEW PROTECTION ZONE NO TREES SHALL BE PLANTED WITHIN 40 FEET OF ADJACENT PROPERTY LINES **COVERED SEATING** COLLAPSIBLE BOLLARDS DIRT PUMP TRACK ALL ABILITIES PLAYGROUND HERITAGE THEMED LANDMARK PARKING LOT HERITAGE THEMED COMMUNITY & COLLAPSIBLE **CULTURAL CENTER** BOLLARDS MULTIUSE PATHWAY RESTROOM HERITAGE THEMED COMMUNITY GARDEN **TENNIS EXISTING PARK** MAINTENANCE SHED DOG PARK NO TREES OVER 10 FEET IN HEIGHT PLAYGROUND AREA WATER FEATURE VINEYARD ARBORETUM SLACKLINE/HAMMOCKING 4 PICKLE BALL COURTS PUMP TRACK/SKATE PARK **FUTURE SUBDIVISION** COVERED SEATING OPEN SPACE TRAIL -ALL LIGHTING WILL BE DOWN CAST AND DIMMED PLAYGROUND AREA AT NIGHT























#### HERITAGE COMMUNITY CENTER













#### PUMP TRACK/SLACKLINE













#### PLAYGROUND/SHADE STRUCTURES/DOG PARK

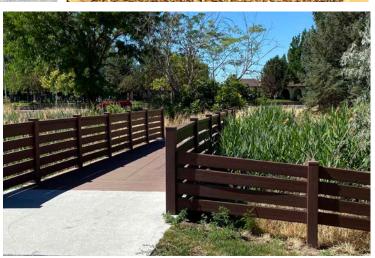












#### **COMMUNITY GARDEN/TRAILS**

# Vineyard Central Corridor Master Plan Appendix

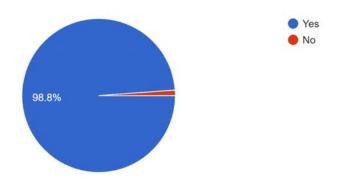
Public Involvement Materials

# Public Survey Results

#### Vineyard Corridor Master Plan Survey Data

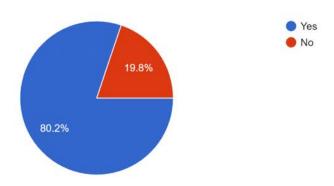
#### **Demographics:**

Are you a resident of Vineyard, Utah? 601 responses



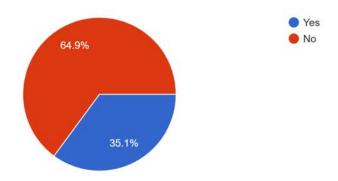
98.8% of respondents are a resident of Vineyard, Utah

Do you have any children in your household? 601 responses



4 out of 5 respondents have children in their household

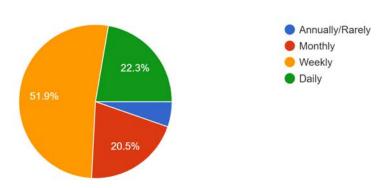
Are you a homeowner directly adjacent to the proposed park? 601 responses



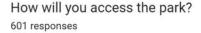
35% of respondents live directly adjacent to the proposed park

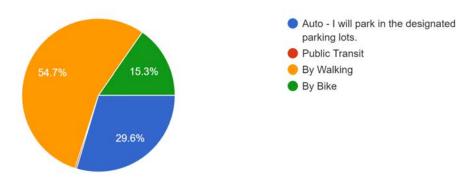
# Access & Frequency of Usage:

How often will you use the park facilities? 601 responses



Approximately 75% of respondents will use the park daily or weekly, 22% of respondents daily and 52% of respondents weekly



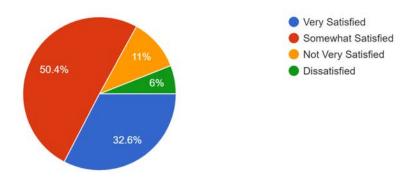


55% of respondents will access the corridor on foot, while as the other 45% will access the park either by automobile or biking, 30% and 15% respectively

### **General Amenities:**

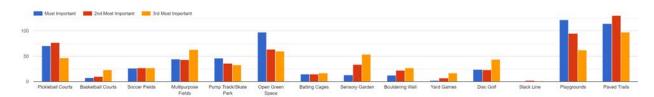
Are you satisfied or dissatisfied with the amount of recreational facilities such as playgrounds, ballfields, batting cages, sport courts and open walking paths proposed throughout the park?

601 responses



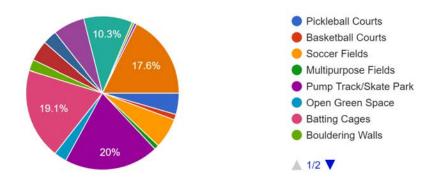
Nearly 85% of respondents are very satisfied or somewhat satisfied by concepts shown; 15% are not satisfied or dissatisfied

After viewing the concepts, what amenities are most important to members of your household? Choose your top three



Paved trails, playgrounds, open green space and pickleball courts are the most important amenities to respondents. Multipurpose fields, soccer fields, the pump track/skate park, bouldering walls and disc golf are the 2nd most important & basketball courts, batting cages, yard games and slack lines are 3rd most important.

If you could vote "no" to one park amenity, which would you choose, if any? 601 responses

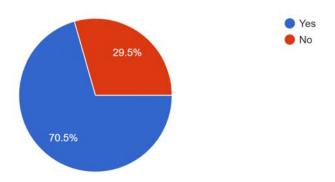


In order from most to least disliked are the following: Pump Track/Skate Park (20%), Batting Cages (19%), due to the noise associated with them and Slacklines (10%). Nearly 18% of respondents responded with N/A.

## Concept A:

Based on the concept shown above, do you feel the amenities provided adequately suit your needs?

601 responses

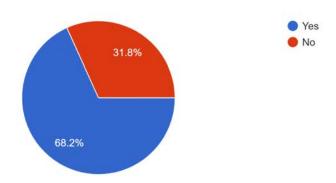


70% of respondents resonated that Concept A adequately suited their needs

# Concept B:

Based on the concept shown above, do you feel the amenities provided adequately suit your needs?

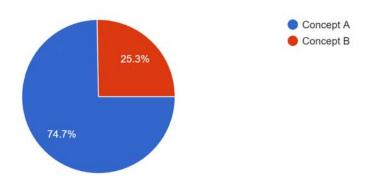
601 responses



68% of respondents resonated that Concept B adequately suited their needs

# Community Center vs. Open Space:

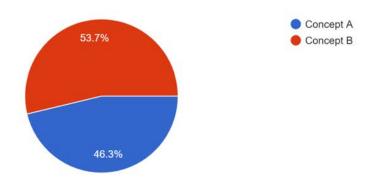
Based on the concepts shown above do you prefer Concept A or Concept B? 601 responses



3 out of 4 respondents chose Concept A (community center) over Concept B (open space)

# Fish Hook Section: Disc Golf vs. Pond

Based on the concepts shown above do you prefer Concept A or Concept B? 601 responses



54% of respondents chose Concept B (disc golf) over Concept A (pond)

## **Notable Trends From Survey**

- 1. 70 mentions of "wetlands". Primarily surrounding the idea of preserving the wetlands or leaving the wetlands untouched.
- 2. 59 mentions of "bugs". These comments primarily stem from the implementation of ponds throughout the various concepts.

# Concept A: Based on the concept shown above, do you feel the amenities provided adequately suit your needs?

Yes I like most of this, hate the workout area behind the slide hill. Would be better suited along the lakeshore trail. Hate having a community garden here when the city is putting one just down the street to the west a few blocks down the same street. Yes Love the additional parking and the pickle ball courts! Yes Yes Yes No I think it should be left alone. I enjoy seeing the wildlife and if it's developed, we won't have that anymore. Yes Yes Yes Yes No Being a senior with a dog it would be nice to have a place to to take your dog off leash to play with other dogs. Yes I think the pond is great Yes The Site Highlights indicate a dog park, but no dog park is depicted. Walking my dogs and having a No safe place to allow them off leash is my primary concern. Yes I like the additional slide park. But no to the pond, we don't need more areas for mosquitoes to breed Yes Yes I like that there is open green space and trails Yes I prefer to keep as much green space and natural space as possible Yes A pond and walking trails in the wetlands improves the experience. Parking lot upgrades are needed.

The slide park will make that corner of the park beautiful.

Leave open space open.

No

Yes

No	too many pickleball courts, not enough tennis courts	April 2023
Yes		
Yes		
Yes		
No be pres	Please stop. Everyone I talk to living here does not want another thing developed served wetlands. Keep it natural for the wild life.	. These are suppose to
Yes		
Yes		
Yes		
Yes any tra	Leave the spaces adjacent to the houses alone. If you must develop them leave at ails	least fifty feet between
Yes	Looks fun!	
Yes		
Yes		
Yes		
No splash than k	I better like the idea of an all abilities park in Vineyard like the one Spanish fork. pad here, and it looks like that might be taken out? Also, I feel this concept caters ids.	, ,
No space.	Would like more reservable coverd spaces not so close to the playground. And the	ne pond is a waste of
Yes		
Yes	It honors the needs of many with a really nice setup, please do this!	
	Vineyard needs a cemetery. Residents are having to seek burial plots outside the unities and being charged expensive non-resident rates. Consider how a cemetery w remaining open spaces in Vineyard.	•
No more b	I'm not a huge fan of the pond. There isn't one there already correct? I feel like the bugs to the area. Unless it is proven to concentrate the bugs in that one area in which we:)	•
Yes dogs!	Love it. More pickle ball. Keep golf carts and side by sides off the trails. Let's make	e vineyard free of
Yes		
Yes		

Would love a skatepark!

No

No I paid significantly more money for my lot because I was told these are preserve lands that wouldn't be develop. Vineyard has more than enough playgrounds, why are we disrupting a whole ecosystem? Leave this area untouched!!!! Yes I just want a place to walk my dog. Yes Would like some turf soccer fields No So much emphasis Yes No There are no amenities for children older than 10 yrs old. I have 2 grandchildren and I cannot see anything that they would enjoy as they get older. The things that are currently there are not that great for kids. Yes No This does not show the playground being updated. Little kids prefer to play on the closed splash pad slide over almost anything else. The chosen weird small bus structure needs to go and a real playground needs to come in. Yes Yes Yes I like the idea of making use of the wetland area with a pond and more walking paths. Also adding dedicated pickleball courts would be amazing. Especially if there are lights to play at night. Yes More parking is definitely appreciated Yes Yes Yes Yes No I only say no if the pickleball courts do not have lights. No not sure what open green space means? Yes Love shaded pavillions- dog park, a beautiful space to walk around- the pond. Beautiful spaces to enjoy. Yes Yes the new trails and slide parks look like ogreat additions. The hill in grove park should be better utilized, and this does a great job. Yes

Vineyard should install shade cover over playground in vineyard grove park

Yes

No

No areas s	Slides at the park. Shade structures over the playground equipment. And level off the inclined grassy so it is easier to see multiply kids at the same time. Those grassy inclined areas create really big blind
Yes	
Yes	Pickle ball courts and pond
Yes	
Yes	Has a little bit of everything
Yes	
No	
No	Leave the wetlands or "uplands" as some people are calling them, alone.
Yes	As long as the pond is nice.
Yes	
Yes	
Yes	More trails, slides and pavilions would be great!
	You meed more tennis courts not soccer fields. We already have enough of those pickleball is great but is still popular and always full. More courts at gammon. And bigger playground at gammon. Please see playground for inspiration.
•	We do not need so many pickle ball courts scrap the dumb courts completely. Pickle ball players are a inority with a loud loud voice. Just like how company's take twitter responses as the voice of America less than 22% of Americans use it
Yes	NA
Yes	
Yes	
Yes develo	When we moved to Vineyard, we were told all the wetlands we're preserved. Why are park opments happening on them?!?

The plan doesn't mention cleaning up or replanting any of the wetland area. Need more shade

No

structures.

Yes

Yes love the pickleball courts!

Yes

No

Yes More parking is needed

No You're taking out tennis courts and replacing them with pickleball courts. I'm thrilled to get pickleball courts, but it'd be a big bummer to do it at the expense of tennis. There's room for both. Perhaps put some courts east of the basketball courts

Yes

Yes Has things that would be nice. I do worry about the pond though. We are in a drought and I think having it constantly empty because of that will cause problems.

Yes

Yes The pond is kind of pointless and will just make the but problem worse than it already is. The trails and area would be fine I guess.

Yes Love it. But I'd rather leave the 2 tennis courts and just add pickle ball courts. Excited for a pond and shade pavilions. Also excited for the slide park.

Yes We need more pickleball courts!

Yes

Yes

No I'd like to see more for bikes

Yes It has more than it has now!

Yes

Yes

No From what I can see, the tennis courts are going to be converted to pickle ball courts? Pickle ball seems like a fad. No one else in the world has even heard of it. Why not have both tennis courts and pickle ball?

No We don't need a dog park and wish to have more playgrounds

Yes

Yes I love the open green spaces, the pickle ball courts, and the included playground. Looks like it can be accessed/enjoyed by stroller and wheelchair. I also love the pond.

Yes Definitely a dog park.

No No new fields for baseball, no more basketball

No Yes No Don't get rid of the tennis courts!!! No We desperately need a skatepark. love the dog park and pond. Still wish there were batting cages. Yes Yes Yes I like the pond feature. No Where is the dog park? It isn't labeled. Vineyard really needs a dog park. Yes No Would love to know more about the pond and reasons for it. Why food trucks (keep that by the megaplex) No Yes No I want the space here to remain the same and possibly add more boardwalks. Yes No I'd like more playgrounds and more shade more parking provided, better use of the wetlands area. since it lists a "dog park", can we assume dogs Yes will not be allowed in the rest of the grass areas, please? Yes Id love for vineyard to have a fenced dog park I think the dog park will detract from the rest of the park as the smell will make it extremely unpleasant No to be at the park and use the other amenities. Yes No This park needs more Shade No Would prefer a larger playset available for younger kids like items park instead of that many pickleball courts. I think it's an excessive amount Yes No Yes I love every part of the plan. I'm especially excited about the pickleball courts. Yes I like the extra park there and the paved trails. Glad that no new big amenity is in this area.

Yes

# Concept B: Based on the concept shown above, do you feel the amenities provided adequately suit your needs?

Yes	
Yes	Enhancing the track kids have already made in that area is a great idea.
Yes	
Yes	Great to have pavilions and groomed pump track.
Yes	
	My house is right next to the bike pump place. Please Please DO NOT put a parking lot out there!! They alk from the community center. My "yes" is based on not seeing the pictures. I would like to see the es. Thanks for your work on this.
Yes	
Yes	
Yes	
Yes	I think the pump track should be extended through the open space to make a large loop.
	This area is currently unusable. I live in The Gardens and we love using the trails but this area is an eye and hard to access unless you go around the nieghborhood. My son goes to Franklin and we have to walk he the dirt field now.
No	Again few of the amenities proposed are for Seniors and dogs would enjoy an off leash dog park
No	This is much less interesting without the pond
No from tl	I strongly oppose a parking lot at the end of water lane. Traffic should stay on center street and away ne neighborhoods with small childreb
Yes	Personally, I would prefer a skate park to a pump track.
No	
Yes	This plan looks good- please no parking lot in this section
Yes	Love that it is staying open green space
Yes	Open green space with small pavilions. No so certain aabout a pump track
Yes	This would make the area more useful to the community.
No	Leave open space open.
Yes	

Yes	
Yes	
No	I don't need a pump track
Yes	
No	Please stop. Keep it wetlands.
Yes	
Yes	
Yes	
Yes	
Yes kids 8	I prefer this because concept A has more of the same stuff. We need a bike/pump track (something for -14) to do more than another path or playground.
Yes	
Yes	
Yes	
No	I like it the way it is already.
Yes	
Yes	
Yes	We back up to this. I like that it's left open. I love the paved walking, my boys will use the bike park.
	Vineyard needs a cemetery. Residents are having to seek burial plots outside the city in other funities and being charged expensive non-resident rates. Consider how a cemetery can be incorporated ew remaining open spaces in Vineyard.
Yes a pum	The wetlands are beautiful and I like that they are the focus of this part of the plan. I LOVE that there is up track in the empty space where kids have already built their own pump track. LOVE IT!
Yes	Love the openness and the walkable pavilions!
No	
Yes	
No	
No	
Yes	I just want a place to walk my dog.
No	not sure what wetland is for

Yes	
No	Is this a skate park or a bike track?
No	Would really live a water feature of some sort, just not still water.
Yes the tra	I like that it will have more paths. However it would be nice to have a low maintence bathroom along il even if it is just a single stall. Maybe down by rhe bike trails
Yes	
Yes	
Yes	
No	Where's the park?
Yes	
Yes	
Yes	
No	Do not want a skate/ bike park!
Yes	
No	the wetlands are beautiful as is
No lame. l	Meh- this part is just meh for me. I love walking trails but just surrounded by weeds and "wetland" is But I guess this is fine?
Yes	
Yes	Yes for new biking trails!
Yes	
No out of	I don't like the Pump Track Park, it's already an area of high traffic and reckless bikers running in and there.
Yes	
Yes	

No

Yes	
Yes	
Yes	Disc golf
Yes	
No	Fewer options available than the first plan
No	This area needs to be preserved and maintained for wildlife
No	
Yes	Leave the wetlands alone.
Yes	It looks good
Yes	
Yes	
Yes	
No	I like the wild life look. Are you taking it all down? I say leave it ajd had paths thru it.
Yes	
No	Add another park for little kids
Yes	
Yes	
No develo	When we moved to Vineyard, we were told all the wetlands we're preserved. Why are park pments happening on them?!?
Yes	
Yes make s	I live on water lane. We do not want a lot of cars parking on our street to get to the wetlands. Please sure our street stays safe and not congested.
No	
Yes	
No	
No	Not applicable to my needs
Yes	
Yes	
Yes	

Yes Yes Nothing wrong here, but nothing grossly right either. Yes Love the bike park and more interconnected paths. Yes Connecting all the trails together would be awesome for family bike outings and walks Yes No Just too plain. Yes I love the bike park and that wouldn't require people to drive to the park. No skate park at all should ever be out in. Wetlands don't count as a park No Yes Yes Really like the pump track and trail that makes the city more family outdoor activity friendly, but the No entrance to the parking should be directly across the pumptrack so people wanting to use the pump track can park directly across from it and cross the street. No We don't need the pump track Yes No No playground. Only thing is nice walking trails. Yes No Nothing new Yes Yes Yes Preserves wetlands No looks cool but we need a skate park, not a pump track. Yes I appreciate the area being cleaned up and usable Yes Yes No

No Hard no for pavilions in the open space. We don't need a place for teens and creeps hanging out late at night in secluded areas behind homes.

Yes I hope they make the pump track really nice with no goat heads. Please maintain it well!

Yes I want the space here to remain the same and possibly add more boardwalks. No Yes No More shade really like the addition of the bike track, would prefer it were larger, there's lots of space there Yes I also really like the preservation of wetlands Yes Good use of space and development. Balanced. Yes Yes We are so excited about the pump track. I love that it's something all ages can use Yes No Pavilions are fine but what is the value in them in those areas. Don't seem like they fit well. No No Yes I don't know enough to answer either way. Yes I think a skate park would be better than a pump track Yes Yes Yes Yes No issue. Yes Terrible idea. NO ONE WANTS MORE HOUSES WITH LESS GREEN SPACE. No No Would love to see a few more activities and places to play Yes The pump track is far from my home Yes No No skate park No Yes No Yes

Love all the walking trails

# Vineyard Central Corridor Master Plan Appendix

B

**COST ESTIMATE** 



# VINEYARD CENTRAL CORRIDOR MASTER PLAN COST ESTIMATE

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	ι	JNIT PRICE	TOTAL
		DEMOLITION AND	GRADING (50 ACRES - FULL EX	TENTS)		
1	MOBILIZATION	1	LUMP	\$	10,000.00	\$ 10,000.00
2	CLEARING AND GRUBBING	1	LUMP	\$	10,000.00	\$ 10,000.00
3	CUT & FILL (BASED ON 2,100,000 FT²)	160,000	CUBIC YARD	\$	3.00	\$ 480,000.00
			EROSION CONTROL			
4	SILT FENCE	25,000	LINEAR FOOT	\$	1.67	\$ 41,750.00
5	STABILIZED CONSTRUCTION ENTRANCE	3750	SQUARE FOOT	\$	3.00	\$ 11,250.00
6	INLET BARRIER	50	EACH	\$	90.00	\$ 4,500.00
			PARK HARDSCAPE	•		
	CONSTRUCTION SURVEY	1	LUMP	\$	3,500.00	\$ 3,500.00
8	ASPHALT PAVING (3" DEPTH)	2,534	TON	\$	12.50	\$ 31,675.00
	UNTREATED BASE COURSE (6" DEPTH)	5,069	TON	\$	13.50	\$ 68,431.50
10	GRANULAR BORROW (12" DEPTH)	10,140	TON	\$	14.50	\$ 147,030.00
	CONCRETE PAVILION PAD	4,220	SQUARE FOOT	\$	8.00	\$ 33,760.00
12	CONCRETE MOW STRIP (6 INCH WIDE)	2,500	LINEAR FOOT	\$	6.00	\$ 15,000.00
40	AN OURD A CUTTER		KING LOTS (468 SPACES)		00.00	40,000,00
	24" CURB & GUTTER  ADA RAMPS	2,000	LINEAR FOOT	\$	20.00	\$ 40,000.00
14 15	-	9,500	EACH TON	\$	1,500.00	\$ 45,000.00 \$ 142,500.00
16	UNTREATED BASE COURSE (8" DEPTH) GRANULAR BORROW	21,621	TON	\$	12.50	\$ 142,500.00 \$ 270,262.50
17	ASPHALT PAVING (3" DEPTH)	3,500	TON	\$	70.00	\$ 245,000.00
	RAISED SPEED TABLE	5	EACH	s	6,000.00	\$ 30,000.00
19	PARKING STALL STRIPING 468 STALLS 20' LONG)	9,360	LINEAR FOOT	\$	2.15	\$ 20,124.00
20	CROSSWALK STRIPING (10 CROSSINGS)	500	LINEAR FOOT	\$	3.50	\$ 1,750.00
21	ROADWAY SIGNAGE	25	EACH	\$	300.00	\$ 7,500.00
		MU	LTIPURPOSE FIELDS (2)			
22	TOP SOIL (XXX FT <sup>2</sup> @ 4" DEPTH)	2,184	CUBIC YARD	\$	14.00	\$ 30,576.00
23	LANDSCAPE TURF	178,761	SQUARE FOOT	\$	0.30	\$ 53,628.30
24	SPORTS LIGHTING	1	LUMP	\$	100,000.00	
25	IRRIGATION (SECONDARY WATER SYSTEM)	178,761	SQUARE FOOT	\$	1.00	\$ 178,761.00
			PARK AMENITIES			
	SHADE SAILS	10	EACH	\$	4,500.00	
27	RESTROOMS	1	EACH	\$	35,000.00	\$ 35,000.00
	COLLAPSAIBLE BOLLARDS	15	EACH	\$	2,000.00	\$ 30,000.00
	INTERNAL DIRECTIONAL SIGNAGE BENCHES	25 50	EACH EACH	\$	300.00 700.00	\$ 7,500.00 \$ 35,000.00
30	TRASH RECEPTACLE	25	EACH	\$	300.00	\$ 35,000.00 \$ 7,500.00
	PLAYGROUND EQUIPMENT	6	EACH	\$	80,000.00	\$ 7,500.00
33	TENNIS COURT	2	EACH	\$	45,000.00	\$ 90,000.00
	PICKLEBALL COURTS	16	EACH	s	30.000.00	\$ 480,000.00
	DUMPSTER ENCLOSURE	6	EACH	\$	6,000.00	
	John Creiversocke		PARK LANDSCAPE		0,000.00	\$ 00,000.00
36	TOP SOIL (XXX FT² @ 6" DEPTH - PLANTER BEDS)	2,842	CUBIC YARD	\$	15.00	\$ 42,630.00
37	TOP SOIL (4" DEPTH)	1,876	CUBIC YARD	\$	15.00	
	LANDSCAPE TURF (XXX FT² OUTSIDE BALL					
	FIELDS)	215,427	SQUARE FOOT	\$	0.30	\$ 64,628.10
	PLAYGROUND SOFTDROP (POURED IN PLACE / RECYCLED)	34,283	SQUARE FOOT	\$	15.00	
40	WEED BARRIER FABRIC	153,493	SQUARE FOOT	\$	2.00	\$ 306,986.00
41	2" CALIPER TREE	552	EACH	\$	250.00	\$ 138,000.00
42	6' - 7' EVERGREEN	100	EACH	\$	275.00	\$ 27,500.00
43	5 GALLON SHRUB	828	EACH	\$	24.00	\$ 19,872.00
44	1 GALLON PERENNIAL/GRASS	1,932	EACH	\$	12.00	\$ 23,184.00
45	SEATING PAVILIONS LARGE	4	EACH	\$	25,000.00	\$ 100,000.00
46	SEATING PAVILIONS SMALL	6	EACH	\$	15,000.00	\$ 90,000.00
			CONTINGENCY			
					20% CONTINGENCY	\$ 821,787.68
				TOTAL:		\$ 4,615,264.58



# **Community Development**

**Date**: April 26, 2023

**From**: Cache Hancey, Planner & Business Advocate

**To**: City Council

**Item**: 10.3 Zoning Text Amendment:

15.34.120 Domestic Livestock and Fowl

**Applicant**: City-Initiated

#### **BACKGROUND**

The proposed ordinance provides greater allowance for domestic fowl (egg laying chickens). The current code limits domestic fowl in lots smaller than 1 acre. This change would permit a range of lot sizes to house domestic fowl. Surrounding cities have a tiered lot size in their allowance for domestic fowl. This zoning text amendment would follow that pattern with a tier as follows:

- 1. The number of domestic fowl for the purpose of laying eggs that may be kept shall be limited on the size of the lot or parcel as follows:
  - 1. One acre (43,560) square feet, up to twenty-five (25)
  - 2. Ten thousand (10,000) square feet, up to six (6)
  - 3. Nine thousand (9,000) square feet, up to five (5)
  - 4. Eight thousand (8,000) square feet, up to four (4)
  - 5. Five thousand (5,000) square feet, up to three (3)

Other requirements in the proposed code would ensure that all domestic fowl are secured in an outdoor enclosed area with proper setbacks and safety measures.

#### **Staff and Planning Commission Recommendation**

Staff, along with the Planning Commission, recommend approval of Ordinance 2023-15 as it permits for a wider variety of lots to have chickens with standards in place to minimize impact on surrounding properties. The Planning Commission held a public hearing on the matter on April 5, 2023 in which they recommended approval.

#### **City Council Options**

"I move to adopt Ordinance 2023-15"

"I move to adopt Ordinance 2023-15 with the following conditions..."

#### **ATTACHMENTS**

Proposed zoning text amendment

#### VINEYARD ORDINANCE 2023-15

#### ORDINANCE NO. 2023-15

AN ORDINANCE OF THE CITY OF VINEYARD UTAH TO MAKE AMENDMENTS TO THE ZONING CODE TO REGULATE THE NUMBER OF DOMESTIC FOWL PERMITTED. THIS ORDINANCE CREATES A TIERED SYSTEM IN WHICH THE NUMBER OF DOMESTIC FOWL PERMITTED IN SINGLE-FAMILY RESIDENTIAL ZONES IS DETERMINED BY THE LOT SIZE.

**WHEREAS,** in compliance with the Utah State Municipal Land Use, Development, and Management Act (LUDMA), the City established an amendment to the Vineyard Zoning Code Section 15.34.120 Domestic Livestock and Fowl,

**WHEREAS**, the Vineyard City Zoning Code Amendment provides modifications for the number of domestic fowl permitted based on the square footage of lot sizes,

**WHEREAS,** the Planning Commission held a public hearing on April 5, 2023, and after fully considering public comment and staff recommendation, recommended approval to the City Council, and,

**WHEREAS**, the City Council reviewed the amended language within the Vineyard Zoning Code Amendment and held a public hearing on April 26, 2023, and after fully considering public comment, staff and Planning Commission's recommendations,

**NOW THEREFORE,** be it ordained by the Mayor and Council of the City of Vineyard, Utah, as follows:

**SECTION 1:** <u>AMENDMENT</u> "15.34.120 Domestic Livestock And Fowl" of the Vineyard Zoning Code is hereby *amended* as follows:

#### **AMENDMENT**

#### 15.34.120 Domestic Livestock And Fowl

The keeping of domestic livestock, limited to the domesticated horse (Equus caballus), domesticated cattle (Bos taurus and Bos indica), domesticated sheep (Ovis aries), domesticated goat (Capra hircus) and domestic fowl, but excluding the keeping of pigs (Suidae), shall be allowed subject to the following:

1. The keeping of domestic livestock and fowl may be allowed as a Permitted Use in the A-1, R&A-5 and single-family residential Zoning Districts, subject to the provisions of this Section.

- 2. No domestic livestock or domestic fowl shall be kept on any lot located in an A-1, R&A-5 and single-family residential Zoning Districts where the lot or parcel size is not less than one acre (43,560 square feet).
- 3. The number of domestic livestock or fowl that may be kept where the lot or parcel size is not less than one acre shall comply with the following::
  - a. Limited to a maximum of two (2) domestic animals for every 43,560 square feet of lot or parcel size.
  - b. Fowl may be kept on lots equal to, or larger than one (1) acre (43,560 square feet), provided the number of fowl maintained does not exceed twenty-five (25) fowl for each acre.
- 4. The number of domestic fowl for the purpose of laying eggs that may be kept shall be limited on the size of the lot or parcel as follows:
  - a. One acre (43,560) square feet, up to twenty-five (25)
  - b. Ten thousand (10,000) square feet, up to six (6)
  - c. Nine thousand (9,000) square feet, up to five (5)
  - d. Eight thousand (8,000) square feet, up to four (4)
  - e. Five thousand (5,000) square feet, up to three (3)
- 5. <u>Domestic fowl shall be confined within a secure outdoor enclosed area and are subject to the following conditions.</u>
  - <u>a.</u> The enclosed area shall include a covered, ventilated, and predator-resistant coop.
    - i. The coop shall have a minimum floor area of at least two (2) square feet per domestic fowl.
    - ii. If domestic fowl are not allowed to roam within an enclosed area outside the coop, the coop shall have a minimum floor area of six (6) square feet per domestic fowl.
  - b. The coop shall be located in a rear yard at least twenty (20) feet from any property line, and further than thirty (30) feet to any residential structure located on adjacent lots.
    - i. The coop and enclosed area shall be maintained in a neat and sanitary condition and shall be cleaned as necessary to prevent any odor detectable at a property line.
    - ii. No domestic fowl shall be permitted to roam outside the coop or enclosed area.
  - c. Any feed used for the domestic fowl must be stored and dispensed in a rodentand predator- proof containers.
  - d. Slaughtering of domestic fowl is prohibited.
  - e. Roosters are prohibited.
- 6. Domestic livestock, fowl, and other animals, but excluding all Prohibited Animals, may be kept on lots of five (5) acres or larger, and located in the A-1 and R&A-5 Zoning Districts, without restriction on the type or number of domestic livestock or animals kept.
- 7. Residents who have kept domestic livestock on legal lots smaller than one (1) acre

- (43,670560 square feet) and who have those animals legally on the effective date of this Ordinance shall not be in violation of this Ordinance. However, the number of animals being kept shall not be increased, and the nonconforming use shall be deemed to have ceased when the keeping of domestic animals has been discontinued for a minimum period of one (1) year.
- 8. No barn, stable, shelter, corral, eoop, pen, or run in which domestic livestock or fowl are maintained shall be closer than one hundred (100) feet to any residential structure located on adjacent lots.
- 9. The required minimum side yard and rear yard setbacks for the zone in which a barn, stable, shelter, corral, eoop, pen, or run is located shall be met, or twenty (20) foot side and rear yard setbacks shall be provided, whichever is greater.
- 10. All yards, barns, shelters, cages, coops, areas, places, and premises where domestic livestock, animals, or fowl are kept shall be maintained in a clean and sanitary condition so that flies, dust, or odors do not disturb the health of any person or animal or create a nuisance to any adjoining property.
- 11. All pens, yards, shelters, cages, coops, areas, and premises where animals are held or kept shall be maintained so that no flies, insects, or vermin, rodent harborage, odors, ponded water, the accumulation of manure, garbage or other noxious materials do not disturb health and safety of any person or animal.
- **SECTION 2: REPEALER CLAUSE** All ordinances or resolutions or parts thereof, which are in conflict herewith, are hereby repealed.
- **SECTION 3: SEVERABILITY CLAUSE** Should any part or provision of this Ordinance be declared by the courts to be unconstitutional or invalid, such decision shall not affect the validity of the Ordinances a whole or any part thereof other than the part so declared to be unconstitutional or invalid.
- **SECTION 4: EFFECTIVE DATE** This Ordinance shall be in full force and effect from April 26, 2023 and after the required approval and publication according to law.

#### PASSED AND ADOPTED BY THE VINEYARD COUNCIL

	AYE	NAY	ABSENT	ABSTAIN
Mayor Julie Fullmer				
Tyce Flake				
Amber Rasmussen				
Mardi Sifuentes				
Cristy Welsh				
Presiding Officer		Attest		
Julie Fullmer, Mayor, Vineyard		Pamela Spencer, City Recorder, Vineyard		



# **Community Development**

Date: Wednesday, April 05, 2023

**From**: Briam Amaya Perez, Senior Planner

**To**: Mayor and City Council

Item: 10.4 Ordinance 2023-14: General Plan Amendment to Public Facilities and Services Element

**Applicant**: City Initiated

#### **SUMMARY**

Ordinance 2023-14 proposes numerous updates to the Public Facilities & Services Element of the General Plan. The Community Development Department has a goal to review and update (if necessary) the goals and strategies for each element of the general plan each year. Furthermore, the department also has a goal to entirely update the content of two (2) elements within the general plan each year. Last year, the department made considerable progress on updates to the following elements: Heritage & Cultural Resources, Open Space, Parks, and Trails, Moderate Income Housing, and Public Facilities & Services. In collaboration with the Public Works Department, revisions to the Public Facilities & Services Element are ready for review by the Planning Commission. The following provides a summary of the proposed changes:

Updates to Section 8.04.010 'Overview'

- Update to new department and services locations
- Corrections to utility/service provider list
- Update to the summary of Public Works Department section
- Update to the summary of Streets Division section
  - Added responsibilities
  - Removed the note that speaks about the \$3.50 per month that is charged per residential/commercial units to help fund the maintenance of Vineyard's streets.
    - \*\*Vineyard City does not currently charge a street maintenance fee.
  - Increased the amount of money spent per year to proactively extend the life of the City's street network from \$100,000 to \$300,000.
- Removal of the Engineering Department section
- Replacing "Operations Division" section with Fleet and Facilities section
- Removal of the Stormwater Division section
- Added an Environmental Utilities Division section
  - Speaks to where Vineyard obtains its drinking water
  - Provides a summary of the City's wastewater system and speaks to how the City treats its wastewater
  - Speaks to the responsibility for private developers to secure water rights for their projects.
- Removal of the Water Resources Division section
- Removal of the Wastewater Collection section; \*\*Environmental Utilities Division provides for the collection of all wastewater.
- Added an Engineering Division section
  - o Explains the responsibilities of the Engineering Division
  - o Provides details regarding the reduction and prevention of stormwater pollution
  - Requirements for Stormwater Pollution Prevention Plans for projects one (1) acre or larger

- Engineering Division manages construction inspections and development of the City's infrastructure
- Engineering Division in charge of all Capital Improvement Projects (CIP)
- Updated the Schools section
  - There are now four (4) schools in Vineyard
  - Added details regarding Trailside Elementary
- Updated the Facilities and Services for the Future section
  - Added information on the Vineyard Children's Library

Updates to 8.04.020 'Key Opportunities and Challenges'

• Added an introduction to Key Opportunities and Challenges section

Updates to 8.08.010 'Goal 1: Develop Infrastructure Master Plans' \*Replacing goals for the maintenance of public facilities (moved to Goal 4)

- Changed Goal 1 to develop a 20-year Infrastructure Master Plans
- Changed Goal 2 to develop a 20-year Stormwater and Land Drain Master Plans
- Changed Goal 3 to develop a 20-year Power, Telecommunications, and Gas Master Plans
- Changed Goal 4 to Develop a 20-year Transportation Master Plan

Updates to 8.08.020 'Goal 2: Develop a Public Facilities Plan' \*Replacing goals for a Recycling Program in the City (goals for recycling moved to Goal 6)

- Plan for a Fire Station
- Plan for a new City Hall location
- Plans for a Public Works Facilities facility layout

Updates to 8.08.030 'Goal 3: Develop a Conservation Program' \*Replacing goals for Stormwater Management with a new Conservation Program (Stormwater Management Plans moved to Goal 5)

- Plan for protecting natural resources
- Plans for improving air and water quality
- Plans for focusing on renewable energy sources
- Plans for protecting environmentally sensitive areas.
- New Strategy (Strategy 5) that focuses on reducing waste and consumption

Updates to 8.08.040 'Goal 4: Provide and Maintain Municipal Facilities and Services that Adequately Serve the Needs of Vineyard Residents and Businesses in a Cost-Effective Manner' \*Expanding goals for the maintenance and distribution of public utilities

- Plans for adequate locations of new facilities and services
- Plans for the regular evaluation of municipal facilities and services
- Plans to ensure that new development includes appropriate utilities
- Plans to ensure that the burden of providing utilities to new development falls upon the developer—not the City.

Updates to 8.08.050 'Goal 5: Develop and Maintain a Stormwater Management Program that Accommodates for the City's Rapid Growth, Protects Water Quality, and Establishes a Vibrant Ecosystem' \*Providing goals for enhanced stormwater management. (Goals regarding community partnerships have been moved Goal 7)

- Plans to update SWMP annually
- Plans to increase efficiency of city-wide drainage systems

• Plans to develop an Illicit Discharge Detection and Elimination Program

Updates to 8.08.060 'Goal 6: Develop and Maintain a Trash and Recycling Program that Encourages Sustainability and Limits Contribution to Landfills' \*Providing goals for trash and recycling

- Plans to encourage commercial entities to recycle
- Plans to create a city-wide program to encourage recycling and reuse
- Plans to enforce best practices for the storage and disposal of hazardous materials

NEW SECTION: 8.08.070 'Goal 7: Develop and Maintain Strategic Partnerships with Outside Entities that will Improve the Provision of Public Services and Meet the Needs of Vineyard's Growing Population'

 Develop and maintain strategic partnerships with outside entities that will improve the provision of public services and meet the needs of Vineyard's growing population

NEW SECTION: 8.08.080 'Goal 8': Ensure and Protect the Quality and Long-term Supply of Water Resources, Groundwater, and Surface Water Supplies

- Plans to ensure that new developments have sufficient water
- Plans to reduce surface-water pollution

#### STAFF RECOMMENDATION

City Staff recommend approval of Ordinance 2023-14: General Plan Amendment to Public Facilities and Services Element, as presented by City Staff.

#### PLANNING COMMISSION RECOMMENDATION

The Planning Commission held a public hearing on April 5, 2023 and recommended approval to the City Council.

#### PROPOSED MOTION

"I move to adopt Ordinance 2023-14 as presented by staff."

#### **ATTACHMENTS**

Ordinance 2023-14.

#### VINEYARD ORDINANCE 2023-14

# GENERAL PLAN AMENDMENT TO PUBLIC FACILITIES & SERVICES ELEMENT

AN ORDINANCE OF THE CITY OF VINEYARD, UTAH, UPDATING THE PUBLIC FACILITIES & SERVICES ELEMENT OF THE GENERAL PLAN. THIS ORDINANCE PROPOSES NUMEROUS UPDATES TO SIGNIFICANT PORTIONS OF THE CONTENT WITHIN THE ELEMENT. THE COMMUNITY DEVELOPMENT DEPARTMENT COLLABORATED WITH THE PUBLIC WORKS DEPARTMENT TO PROVIDE UPDATES REGARDING NEW DIVISIONS WITHIN THE PUBLIC WORKS DEPARTMENT, INFORMATION REGARDING NEW AND EXISTING PUBLIC FACILITIES THROUGHOUT THE CITY, PLANS FOR PROTECTING THE CITY'S NATURAL RESOURCES, PLANS FOR HOW STORMWATER SHALL BE CAPTURED, RETAINED AND MANAGED, NEW UTILITY MASTER PLANS AND CAPTIAL IMPROVEMENT PLANS, IMPROVING WATER QUALITY, PLANS TO FOCUS ON SUSTAINABLE ENERGY CONSUMPTION, A RECYCLING PROGRAM, AND MORE. PROVIDING A REPEALER CLAUSE; PROVIDING A SAVINGS AND SEVERABILITY CLAUSE, PROVIDING FOR PUBLICATION BY SUMMARY; AND PROVIDING AN EFFECTIVE DATE.

**WHEREAS,** in compliance with the Utah State Municipal Land Use, Development, and Management Act (LUDMA), the City established an update to the Public Facilities & Services Element of the General Plan to provide updates regarding public facilities, utilities, and services; and

**WHEREAS,** the Planning Commission held a public hearing on April 5, 2023, and after fully considering public comment and staff recommendation, recommended approval to the City Council; and

**WHEREAS,** the City Council reviewed the updates to the Public Facilities & Services Element of the General Plan, and held a public hearing on April 26, 2023, and after fully considering public comment and staff and Planning Commission's recommendations,

**NOW THEREFORE**, be it ordained by the Council of the Vineyard, in the State of Utah, as follows:

**SECTION 1:** <u>AMENDMENT</u> "8.04.010 Existing Conditions" of the Vineyard General Plan is hereby *amended* as follows:

#### **AMENDMENT**

#### VINEYARD CITY OFFICES

A new The Vineyard City Hall was built in 2017 to manage provide public services for our growing community. Located at 125 South Main Street, the building serves as the hub for City administration, houses the Council chambers, department officescity services, is a Sub-Station for the Utah County Sheriff, and is the central gathering place for public hearings. As the City's needs grow and additional services are offered, the City has expanded to the Development Services annex, located at 707 E Mill Road, Suite 202 (second floor) and a new Public Works Maintenance building located at 282 W 1600 N near the Lindon Marina. The previous Town Hall, which was in an old building since 1987, is currently vacant. A portion of this building is being remodeled to house a community library and other arts and educational uses.

#### 1. Utilities

Electric utilities are contracted through Rocky Mountain Power who constructed the power plant in the north end of Vineyard. Gas is contracted through Dominion Energy and all utility distribution lines are incorporated into road design. Fiber cables and high-speed internet supply will be determined by the requirements of the developers and tenants. The City has franchise agreements with five companies. Water delivery and sewage systems and connections have been built to reach all new development in the City as of 2018. The City has agreements with the City of Orem Metropolitan Water and the Central Utah Water Conservancy District Project (CUWCDWP) for water supply. Trash pickup is contracted through Republic Services and collection occurs weekly.

Vineyard has done an exceptional job of proactively providing the necessary utilities infrastructure to all areas of the City. New development on the former Geneva Steel property will need to include adequate water, wastewater, storm drain and other utility services as a condition of development approval. According to city resources, residential properties generally do not pay sufficient property tax to meet the cost of services that the residents require. Other property uses that generate revenues for the general fund such as commercial, retail, office and industrial will need to be developed concurrently with the residential components to ensure a fiscally positive benefit to the City.

2. **Public Works Department** The Public Works Department is responsible for the maintenance and development of Vineyard's infrastructure. The department manages a variety of services to the community including trash pick-up and recycling services, parks, snow removal services, water and wastewater services, storm drain, land drain, and the maintenance and construction of public infrastructure including roads, streets, sidewalks, trails, signals, and lighting. Its divisions include parks, streets, water resources, wastewater management collection, stormwater management, engineering and operations and fleet and facilities.

- 3. Streets Division The Streets Division is responsible for maintaining the quality, life expectancy and safety of Vineyard's street network and sidewalks, storm drain, trails, lighting and signals, as well as assisting with stormwater management, stormwater pollution prevention plans (SWPPP) and MS4 inspections through inspections and maintenance of city-maintained public stormwater systems. The City currently charges a transportation fee of \$3.50 per month per residential/commercial unit which helps to fund the maintenance of Vineyard's streets. Vineyard currently spends almost \$3\frac{1}{2}0,000 a year of transportation-related funding to proactively extend the life of its street network and population growth is expected to adequately support the funding of adequate maintenance. Engineering Division The Engineering Division provides professional engineering services for the municipality, issues construction permits and deals with safety concerns regarding traffic control. Other services include road design, permitting, design, survey, drafting, traffic engineering and signal maintenance, development review, construction inspection and records maintenance. The division is also responsible for the administration, design and management of public works projects. Current priority projects for the division are extending Main Street, designing and constructing 3rd West, the FrontRunner Train Station and the extension of Mill Road up to the 1600 North.
- 4. Fleet and Facilities Operations Division Public Works oversees the City's Fleet and Facilities and The Operations Division is responsible for tracking, maintaining, recording, maintaining, and ordering the City's fleet of vehicles and equipment. The City operates and maintains approximately 25 vehicles, to include division recently purchased a jet vac truck, a street sweeper and smaller multi-use equipment for snow removal and the maintenance of parking lots and sidewalks. The City recently purchased land in the northern half of the City for a public works facility where all equipment will be stored. Stormwater Division The Stormwater Division works to reduce the amount of pollution entering waterways through stormwater runoff to ensure the health of local waterways and help provide clean drinking water and recreational water bodies. Stormwater pollution prevention also helps maintain elean streets in conjunction with low impact development practices to help recharge aquifers and ensures adequate drinking water supply. The division keeps storm water clearee: co.utah.ut.usn using Stormwater Pollution Prevention Plans (SWPPP's) on construction sites and municipal cleaning activities. The use of a SWPPP and land disturbance permit is required for any development one aere or larger, or any development smaller than one acre that is part of a larger development. Municipal activities include storm drain cleaning, trash pickup and monitoring all town facilities for possible sources of pollution. The other four areas of storm water management are public education, public involvement, illicit discharge detection and elimination and post construction management. The City currently uses Geneva Steel's stormwater infrastructure for the northern half of the City and pipes have been put in place for stormwater management in the southern half of the City. Vineyard charges \$4 per month per residential/commercial unit for stormwater management. The City's stormwater management plan has been updated yearly. Source: vineyardutah.org/202/Storm-Water.
- 5. Environmental Utilities Division The Environmental Utilities Division has the

responsibility of providing clean drinking water for the residents and businesses, secondary water for city-owned parks and street landscapes, and for the operations and maintenance of the city's sanitary sewer collection system. Vineyard purchases water from the City of Orem for use south of 400 N. Vineyard purchases water from Central Utah Water Conservancy District (CUWCD) to be used for the area north of 400 N. Vineyard owns and maintains the water systems in accordance with State and Federal Laws.

Additionally, Vineyard City provides a wastewater system to its residents and businesses. The City has a team of certified staff who ensure that the City's collection pipes and three (3) lift stations are functioning per Utah State Department of Quality regulations.

<u>Vineyard City has agreements with Timpanogos Special Services District (TSSD) and Orem City Sewer Division to provide for the City's wastewater treatment.</u>

CUWCD purchased the water rights previously owned by Geneva Steel. They are installing new water wells and infrastructure to deliver this water to Vineyard, as well as other cities in Utah. Developers are required to purchase water for their planned developments from Vineyard City. Vineyard leases the needed water from CUWCD and distributes the water to new developments.

State law requires Vineyard to provide an adequate amount of stored water for culinary needs, as well as for fire suppression. The City currently has an agreement to use 4 million gallons of temporary water storage within the CUWCD system.

Vineyard is currently building a 6-million-gallon culinary water storage reservoir, booster pump station, and installing larger distribution water lines throughout the City to provide for the City's growing water needs.

The first water line was installed in Vineyard in 2006. Since then, several millions of dollars have been spent to continue installing the necessary water infrastructure to supply clean and safe drinking water to the residents and businesses that have been built in Vineyard. The Environmental Utilities Division performs regular water sampling to ensure compliance with State and Federal regulations.

The Environmental Utilities Division strives to locate and secure additional water rights, to include irrigation water, and actively promotes water conservation through water efficiency and conservation ordinances and partnering with other agencies to utilize their secondary water sources—all to further sustain the limited water resources available.

Water Resources Division The Water Resources Division is responsible for providing comprehensive water services to the City. Water supply in Vineyard is sourced from contracts with Orem Metropolitan Water and the Central Utah Water Project (CWP). Orem Metropolitan Water supplies water for areas of Vineyard that are south of 4th North and the CWP provides water for all areas of Vineyard to the north of 4th North.

Both entities act as wholesalers that sell water supply to water users such as residents, businesses and developers through the City of Vineyard. The CWP allows Utah to use a sizable portion of its allotted share of the Colorado River water supply including irrigation The CWP supplies water that meets the municipal and industrial requirements of the developed areas along the Wasatch front range. In Vineyard, the CWP bought all water rights under the Anderson Geneva land. Developers that want to build in this area are required to buy adequate water rights to support the planned use of their approved platted area. The City facilitates the lease of these water rights and then distributes the money to the CWP. State law requires 6.5 million gallons of water storage for the City to satisfy fire flow protection and peak demand. The City currently has an agreement to use 4 million gallons of CWP's water storage capacity in the meantime and Vineyard is in the process of identifying land suitable for a future reservoir. All necessary infrastructure for water distribution and supply is currently in place after the City spent almost \$100 million for water, sewage and roadway infrastructure. Construction began in 2012. Source: City Engineer; usbr.gov/projectsWastewater Management DivisionThe Wastewater Management Division is responsible for the collection and treatment of all wastewater from the community. Vineyard currently has agreements with the Timpanogos Special Service District (TSSD) and the City of Orem to collect and treat sewage and wastewater. The TSSD provides wastewater collection and treatment for Northern Utah including areas of Vineyard that are north of 4th South. Vineyard provides wastewater collection within the City until it reaches District collection lines and currently three lift stations pump to TSSD. The City of Orem has been continually upgrading and expanding its water reclamation plant and Vineyard purchased a portion of its capacity during the last expansion. This agreement serves all areas of Vineyard south of 4th South. Source: timpssd.org; orem.org/water-reclamation

6. Engineering Division The Engineering Division provides professional engineering services for the municipality's health and safety by providing services which include infrastructure construction permits, public and private stormwater system permitting and management, right-of-way determinations, infrastructure planning and engineering, and floodplain management. Other services include traffic engineering and development construction inspection and records maintenance. The Division is also responsible for the administration, design and management of master plans and public capital works projects, to include utility infrastructure and public facilities. The Engineering Division is divided into four divisions including Engineering, Capital Projects, Stormwater, and Development Management. Some current priority projects for the division are Vineyard Connector Road expansion, Downtown Vineyard development, the Vineyard FrontRunner Train Station, and city-wide master plan updates.

The engineering staff provides engineering support for all city departments, city administration, and acts as the city's liaison to other governmental agencies regarding the city's long-term engineering aspects. The division contains licensed and experienced professionals that provide technical reviews of private and public infrastructure designs, determinations for development construction inspections,

subject matter expertise to city administration and community development department for long-range planning, and administers the city's floodplain management program. The Engineering Division is also charged to reduce the amount of pollution entering waterways through stormwater runoff to ensure the health of local waterways and help provide clean drinking water and recreational water bodies. Stormwater pollution prevention also helps maintain clean streets in conjunction with low impact development practices to help recharge aguifers and ensure adequate drinking water supply. The division keeps storm water clean using Stormwater Pollution Prevention Plans (SWPPP's) on construction sites and municipal cleaning activities. The use of a SWPPP and land disturbance permit is required for any development one acre or larger, or any development smaller than one acre that is part of a larger development. Municipal activities include storm drain cleaning, trash pickup and monitoring all town facilities for possible sources of pollution. The other four areas of storm water management are public education, public involvement, illicit discharge detection and elimination and post construction management. The City's stormwater management plan is updated annually. The Engineering Division also manages the construction inspection of private developments and ensures proper development of the City's infrastructure and reviews new developments to ensure compliance with local and state codes. The division is responsible for reviewing specifications, plans, drawings, and maps for compliance with adopted codes, standards, and regulations. Additionally, this division manages all inspection of infrastructure construction activities for compliance with design consistency and performance standards. Lastly, the Engineering Division oversees the implementation of the city's capital project program and provides cradle-to-grave project management, which includes design, engineering, and inspection services for those improvement efforts to all city infrastructure and properties. The division works closely with all city departments to ensure public projects are delivered in a cost effective and timely manner.

7. Public Safety\_Vineyard currently contracts with the Utah County Sheriff's Office for police services. The Utah County Sheriff's Office provides law enforcement services to the unincorporated areas of Utah County and contract cities, as well cooperative support services to local, state and federal law enforcement agencies and organizations. Their mission is to professionally and effectively meet its delegated and statutory responsibilities. To do so, the office is organized to provide quality protection and services to the citizens of Utah County in a cost-effective manner. The current City office building serves as a Utah County Sheriff Sub-Station.

Source: co.utah.ut.us/Dept/Sheriff.

Vineyard currently partners with the Orem Department of Public Safety for fire and emergency medical services. The Orem Fire Department provides fire protection, advanced life support, fire prevention and first safety and first-aid public education. Its members are dual certified firefighter/paramedics and provide special response services including high-angle rescue, confined space rescue, structural collapse, trench rescue and hazardous material mitigation. The City offers fire prevention resources such as fire prevention week, home checklist, home protection plan, a program to keep your

home safe and an open flames and fire safety resource.

Source: orem.org/departments/fire

The City of Vineyard also cooperates with the Mountainland Association of Governments (MAG) on their Hazard Mitigation Plan. The plan is designed to fulfill federal, state and local hazard mitigation planning responsibilities and addresses potential hazards specific to the area. Vineyard also partners with the American Red Cross and FEMA for emergency preparedness resources.

Source: vineyard.utah.gov/216/Public-Safety

8. **Schools** Currently, three four (4) schools are in Vineyard, all of which are elementary schools offering pre-kindergarten through sixth grade. The two (2) public school is are part of the Alpine School District and the others are public charter schools that draw students from various parts of Utah County. The Alpine School District is the largest in Utah and will have over 80,000 students by Fall of 2019 with 59 elementary schools, 12 middle schools, nine high schools and 11 special programs. Vineyard Elementary is a public school in the Alpine School district. The student population is currently 1,029 and has grown by 35 percent over the past five school years. The teacher population has grown by eight percent over the past five years and there are currently 35 teachers. The student teacher ratio is 26:1,2 which is higher than the Utah state average of 23:1. Minority enrollment is 31 percent of the student body, which is higher than the Utah state average of 25 percent. The second public school is Trailside Elementary and opened their doors in the fall of 2021. The school is publicly funded and accepts donations.

Franklin Discovery Academy is a public charter elementary school with a student population of about 584 students who come from various parts of Utah County. The school is publicly funded. Freedom Preparatory Academy is a public charter elementary school with a student population of about 400 students who come from various parts of Utah County. The school has the most diversity in the region with 32 percent of students being Hispanic. The teacher to student ratio is 25:1 and the school is also publicly funded.

Source: publicschoolreview.com; alpineschools.org

There are currently no schools in Vineyard for 7th- 12th graders. The closest options are in the adjacent cities of Provo and Orem. A future site for an Alpine District school in Vineyard has been selected, the construction of which is dependent on need determined by population and funding.

9. Facilities and Services for the Future\_Vineyard does not currently have a recreation center, library, or senior center. A small community children's library is will be located in the City old Town Hall building. Due to the lack of a full public library, Tthe City does reimburse residents up to \$80 per year, per household for library cards or recreation center passes purchased from the nearby cities of Provo and Orem. The City contracts with the Utah County library system for their Book Mobile to visit Vineyard

twice a month. As new development is built and there is a sufficient tax base to support these types of facilities, the City will evaluate the feasibility of providing these facilities and services to enhance the quality of life of its residents.

UTILITY/SERVICE	PROVIDER	NOTES
Electric	Rocky Mountain Power	Built power plants in Vineyard
Gas	Dominion Energy	Distribution lines incorporated into roads
High Speed Internet	4-5 Providers Varies	Supply is determined based on location and provideuser requirements
Water	City of OremOrem Metropolitan Water	Supplies areas of Vineyard south of 4th North
Water	Central Utah Water Conservancy District Project	Supplies areas of Vineyard north of 4th North
Police	Utah County Sheriff's Office	Contracted
Fire Department	Orem Depart of Public Safety	Fire protection, fire prevention, first-aid
Hazard Mitigation	Mountainland Association of Govts.	Compliant w/ MAG's Hazard Mitigation Plan
Trash Pickup/Recycling	Republic Services	Weekly
Wastewater Treatment	Timpanogos Special Service District	Serves areas of Vineyard north of 4th South
Wastewater Treatment	City of Orem	Serves areas of Vineyard south of 4th South

**SECTION 2:** <u>AMENDMENT</u> "8.06 Key Opportunities And Challenges" of the Vineyard General Plan is hereby *amended* as follows:

#### AMENDMENT

8.06 Key Opportunities And Challenges

With growth, Vineyard has the opportunity to ensure that more revenue-generating land uses are built in the City, especially in the Downtown Vineyard site. While growth has been good, it may place additional strains on public facilities and services.

#### **OPPORTUNITIES**

- 1. Revenue Generating Land Uses
  - a. Ensure that revenue generating land uses including commercial, retail, office, and industrial are included as part of any development to ensure fiscally positive benefits to the City.
- 2. Partnerships to Enhance City Services
  - a. With unprecedented growth, City services must keep up. The City should continue to partner with outside entities to enhance the provision of City services.
- 3. Water Storage
  - a. Having enough water to meet the needs of communities throughout the country is becoming increasingly important. The City has an opportunity to strategically identify appropriate land for water storage.
- 4. Sustainability
  - a. Many community members feel sustainability is important. Encourage sustainability through City-wide programs.

#### **CHALLENGES**

- 1. Residential Property Tax
  - a. Residential development, which is rapidly growing in Vineyard, generally does not pay sufficient property tax to meet the cost of services that they require.
- 2. State Water Requirements
  - a. The <u>City is designing and building a 6 million gallon water storage facility to meet the state water storage requirements.</u> State requires 6.5 million gallons of water storage in the city. This needs to be addressed.
- 3. Public Facilities
  - a. Vineyard does not currently offer some public facilities including a recreation center, library and senior center.

**SECTION 3:** <u>AMENDMENT</u> "8.08.010 Goal 1" of the Vineyard General Plan is hereby *amended* as follows:

#### AMENDMENT

8.08.010 Goal 1

# DEVELOP INFRASTRUCTURE MASTER PLANSPROVIDE AND MAINTAIN MUNICIPAL FACILITIES THAT ADEQUATELY SERVE THE NEEDS OF VINEYARD RESIDENTS AND BUSINESSES

- 1. **STRATEGY 1:** Develop 20-year Water and Wastewater Master Plans which shall be re-evaluated annually; publish updated master plans no less than every 10 years. Locate municipal facilities strategically to serve all existing and anticipated neighborhoods and development areas.
- 2. **STRATEGY 2:** Develop 20-year Stormwater and Land Drain Master Plans which shall be re-evaluated annually; publish updated master plans no less than every 10 years. Evaluate the needs of municipal facilities approximately every two years.
- 3. **STRATEGY 3:** In partnership with private utility providers, develop a strategic 20-year Power, Telecommunication, and Gas Master Plan which shall be re-evaluated annually; publish the updated master plan no less than every 10 years. Provide a public works site for the storage and maintenance of the City's vehicles and equipment.
- 4. **STRATEGY 4:** Develop a 20-year Transportation Master Plan which shall be reevaluated annually; publish updated master plan no less than every.....???????

**SECTION 4:** <u>AMENDMENT</u> "8.08.020 Goal 2" of the Vineyard General Plan is hereby *amended* as follows:

#### AMENDMENT

8.08.020 Goal 2

DEVELOP A PUBLIC FACILITIES PLANDEVELOP AND MAINTAIN A
PROGRESSIVE TRASH AND RECYCLING PROGRAM THAT ENCOURAGES
SUSTAINABILITY AND LIMITS CONTRIBUTION TO LANDFILLS.

- 1. **STRATEGY 1:** Evaluate and determine a Fire Station location. Expand recycling programs and re-evaluate trash collection and disposal programs periodically.
- 2. **STRATEGY 2:** Evaluate and determine a new City Hall location. Require commercial entities to establish recycling programs.
- 3. **STRATEGY 3:** Evaluate and determine new City parks facilities. Develop a city-wide program to encourage the use of reusable and recyclable goods through educational programs, City purchasing policies and incentives.
- 4. STRATEGY 4: Evaluate and determine a Public Works Yard facility layout plan. Continue to work with the Mountainland Association of Governments on its Hazard Mitigation Plan, enforce best practices for the storage and disposal of hazardous materials, and promote the use of environmentally friendly materials within the City.

**SECTION 5:** <u>AMENDMENT</u> "8.08.030 Goal 3" of the Vineyard General Plan is hereby *amended* as follows:

#### AMENDMENT

8.08.030 Goal 3

DEVELOP A CONSERVATION PROGRAMMAINTAIN AND EXPAND A
STORMWATER MANAGEMENT PROGRAM THAT PROTECTS THE HEALTH
AND SAFETY OF THE PUBLIC AND CAN ACCOMMODATE THE CITY'S
RAPID GROWTH.

- 1. **STRATEGY 1:** Protect, restore, and properly manage natural resources Identify and avoid development in flood-prone areas.
- 2. STRATEGY 2: Preserve and improve air and water quality. Require adequate flood proofing of basement walls or pumping mechanisms. Developers and homeowners' associations should assume the costs of these systems.
- 3. **STRATEGY 3:** Focus on energy conservation and the use of solar energy and other renewable energy sources. Identify needed improvements to the City's drainage system management through the Stormwater Management Plan.
- 4. **STRATEGY 4:** Protect, restore, and properly manage environmentally critical areas (ECA) such as water bodies, shorelines, wetlands, and fish and wildlife habitats. Maintain a cost-effective and environmentally friendly city-wide drainage system and encourage appropriate stormwater management solutions as the city grows.
- 5. STRATEGY 5: Significantly decrease overall community consumption, specifically consumption of non-local, non-renewable, non-recyclable, and non-recycled materials, water, energy, and fuels.

6.

**SECTION 6:** <u>AMENDMENT</u> "8.08.040 Goal 4" of the Vineyard General Plan is hereby *amended* as follows:

**AMENDMENT** 

8.08.040 Goal 4

PROVIDE AND MAINTAIN MUNICIPAL FACILITIES AND SERVICES THAT ADEQUATELY SERVE THE NEEDS OF VINEYARD RESIDENTS AND BUSINESSES IN A COST-EFFECTIVE MANNER, PROVIDE ADEQUATE AND RELIABLE UTILITY SERVICES AND DISTRIBUTION TO ALL RESIDENTS AND BUSINESSES IN VINEYARD IN A COST-EFFECTIVE MANNER.

- 1. **STRATEGY 1:** Locate municipal facilities strategically to serve all existing and anticipated neighborhoods, development, and redevelopment areas. Ensure that new development within the former Geneva property includes adequate water, wastewater, storm drain and other utility services as a condition of approval.
- 2. **STRATEGY 2:** Evaluate the needs for municipal facilities and services every two (2) years. Maintain active collaboration with utility companies to provide consistent utility services throughout the city.
- 3. STRATEGY 3: Improve the public works yard and facilities for the storage and maintenance of the City's vehicles and equipment and provide operational space for the Public Works staff. Encourage utility companies to locate facilities and distribution outside of washes, drainage easements and open spaces and continue the undergrounding of all utility lines and conduits.
- 4. STRATEGY 4: Ensure that new development and redevelopment projects include adequate utility services (e.g., water, wastewater, electrical) as a condition of approval. Identify areas that will be attractive to businesses that need high-speed communications and internet and ensure the delivery of adequate services to these areas.
- 5. STRATEGY 5: Place the obligation for construction of required infrastructure and utility improvements on those seeking development approval—not the City.

**SECTION 7:** <u>AMENDMENT</u> "8.08.050 Goal 5" of the Vineyard General Plan is hereby *amended* as follows:

AMENDMENT

8.08.050 Goal 5

DEVELOP AND MAINTAIN A STORMWATER MANAGEMENT PROGRAM THAT ACCOMMODATES FOR THE CITY'S RAPID GROWTH, PROTECTS WATER QUALITY, AND ESTABLISHES A VIBRANT ECOSYSTEM. DEVELOP AND MAINTAIN STRATEGIC PARTNERSHIPS WITH OUTSIDE ENTITIES THAT WILL IMPROVE THE PROVISION OF PUBLIC SERVICES AND MEET THE NEEDS OF VINEYARD'S GROWING POPULATION.

- 1. STRATEGY 1: Update the Stormwater Management Plan annually. Maintain working cooperation with adjacent communities and entities that provide public services lacking in Vineyard including public safety, libraries, senior services, children and recreation centers.
- 2. STRATEGY 2: Maintain a cost-effective and environmentally friendly City-wide drainage system. Inspect City-owned detention basins and pre-treatment stormwater devices annually. Maintain a partnership with the Alpine School District to optimize school services and facilities offered in Vineyard.
- 3. STRATEGY 3: Develop an Illicit Discharge Detection and Elimination (IDDE)
  Program and perform regular outreach initiatives to educate the public regarding
  stormwater initiatives. Encourage the public to participate in events and activities
  related to stormwater management.
- 4. STRATEGY 4: Develop a regulatory mechanism that requires construction sites to comply with all Utah Pollution Discharge Elimination System (UPDES) requirements and long-term stormwater controls.
- 5. STRATEGY 5: Inventory all City-owned stormwater facilities property and develop standard operating procedures (SOP's) that will prevent or reduce pollutant runoff from these properties.

**SECTION 8:** <u>AMENDMENT</u> "8.08.060 Goal 6" of the Vineyard General Plan is hereby *amended* as follows:

#### AMENDMENT

8.08.060 Goal 6

DEVELOP AND MAINTAIN A TRASH AND RECYCLING PROGRAM THAT ENCOURAGES SUSTAINABILITY AND LIMITS CONTRIBUTION TO LANDFILLS. ENSURE AND PROTECT THE QUALITY AND LONG-TERM SUPPLY OF WATER RESOURCES, GROUNDWATER AND SURFACE WATER SUPPLIES.

- 1. **STRATEGY 1:** Re-evaluate recycling and trash collection and disposal programs annually. Consistently work with Orem Metropolitan Water and the Central Water Project (CWP) to ensure that the providers are meeting all water quality standards.
- 2. STRATEGY 2: Encourage commercial entities to establish recycling and re-use

- programs. Take appropriate measures to ensure new developments accurately project water use needs when purchasing water rights and ensure that new growth pays its own way when extending water and wastewater systems through fees and the allocation of service delivery costs.
- 3. STRATEGY 3: Develop a City-wide program to encourage the use of reusable and recyclable goods through educational programs, city purchasing policies, and incentives. Reduce surface water pollution by consistently monitoring stormwater runoff and adhering to the updated Stormwater Management Plan.
- 4. STRATEGY 4: Continue to work with the Mountainland Association of Governments on its Hazard Mitigation Plan, enforce best practices for the storage and disposal of hazardous materials, and promote the use of environmentally friendly materials within the City. Develop an educational program for residents and businesses to promote best practices on water usage and preventing pollution.

**SECTION 9: ADOPTION** "8.08.070 Goal 7" of the Vineyard General Plan is hereby *added* as follows:

#### ADOPTION

8.08.070 Goal 7(Added)

# DEVELOP AND MAINTAIN STRATEGIC PARTNERSHIPS WITH OUTSIDE ENTITIES THAT WILL IMPROVE THE PROVISION OF PUBLIC SERVICES AND MEET THE NEEDS OF VINEYARD'S GROWING POPULATION

- 1. STRATEGY 1: Maintain working cooperation with adjacent communities, utility companies, and public and private entities that provide public services and utilities lacking in Vineyard to include public safety, libraries, sernior services, childcare, high-speed internet, and recreation centers.
- 2. STRATEGY 2: Maintain a partnership with the Alpine School District to optimize school services and facilities offered in Vineyard.
- 3. STRATEGY 3: Maintain a partnership with UDOT and UTA to continue to develop and optimize transportation facilities around Vineyard.

**SECTION 10:** <u>ADOPTION</u> "8.08.080 Goal 8" of the Vineyard General Plan is hereby *added* as follows:

ADOPTION

## ENSURE AND PROTECT THE QUALITY AND LONG-TERM SUPPLY OF WATER RESOURCES, GROUNDWATER, AND SURFACE WATER SUPPLIES

- 1. STRATEGY 1: Continue to work with the City of Orem and Central Utah Water Conservancy District (CUWCD) to ensure that these providers are meeting all water quality standards.
- 2. STRATEGY 2: Ensure new developments accurately project water use needs when purchasing water and ensure that new growth pays its own way when extending water systems through fees and the allocation of service delivery costs.
- 3. STRATEGY 3: Reduce surface water pollution through constant monitoring of stormwater runoff and adhering to the current Stormwater Management Plan.
- 4. STRATEGY 4: Develop an educational program for residents and businesses to promote best practices on water usage and preventing pollution.
- 5. STRATEGY 5: Develop secondary water sources and systems for landscape irrigation to minimize the use of culinary water.
- 6. STRATEGY 6: Develop ordinances and water use efficiency standards that adhere with CUWCD that promote the City's ability to purchase water in the future.

**SECTION 11:** REPEALER CLAUSE All ordinances or resolutions or parts thereof, which are in conflict herewith, are hereby repealed.

**SECTION 12:** <u>SEVERABILITY CLAUSE</u> Should any part or provision of this Ordinance be declared by the courts to be unconstitutional or invalid, such decision shall not affect the validity of the Ordinances a whole or any part thereof other than the part so declared to be unconstitutional or invalid.

<b>SECTION 13:</b>	<b>EFFECTIVE DATE</b> This Ordinance shall be in full force
and effect from	and after the required approval and publication according to law.

### PASSED AND ADOPTED BY THE VINEYARD COUNCIL

	AYE	NAY	ABSENT	ABSTAIN
Mayor Julie Fullmer				
Tyce Flake				
Amber Rasmussen				
Mardi Sifuentes				
Cristy Welsh				
Presiding Officer		Attest		
Julie Fullmer, Mayor, Vineyard		Pamela Vineya	a Spencer, City Ro	ecorder,



### **Community Development**

**Date**: April 26, 2023

**From**: Cache Hancey, Planner & Business Advocate

**To**: City Council

Item: 10.5 Zoning Text Amendment: 15.48 Signs

**Applicant**: City-Initiated

#### **BACKGROUND**

The current sign code requires developers to apply for a Sign Standard Waiver if they are wanting to install a sign that does not meet the Sign Standard Table. This waiver is required to go before the Planning Commission for approval. The Planning Commission is tasked with evaluating the application with the following criteria; placement, quantity, height, sign area, and design features.

By removing the Sign Standard Waiver, the new Sign Standard Table increases the allowed height for monument signs, increases the total size for wall signs, and removes the quantity/location limit for wall signs.

This zoning text amendment also creates two new additional signs as well as their standards for approval; Development Promotional/Directional and Wall Art/Building Mural.

Other changes to the code fix previous grammar mistakes or clarify other definitions.

#### **Staff and Planning Commission Recommendation**

Staff, along with the Planning Commission recommend approval of Ordinance 2023-17. The Planning Commission held a public hearing on the matter on April 19, 2023 in which they recommended approval of the ordinance with no conditions to the City Council.

#### **CITY COUNCIL OPTIONS**

"I move to adopt Ordinance 2023-17"

"I move to adopt Ordinance 2023-17 with the following conditions..."

#### **ATTACHMENTS**

Proposed zoning text amendment and ordinance.

#### VINEYARD ORDINANCE 2023-17

#### ORDINANCE NO. 2023-17 SIGN CODE UPDATE

AN ORDINANCE OF THE CITY OF VINEYARD UTAH TO MAKE AMENDMENTS TO THE ZONING CODE TO REMOVE THE SIGN STANDARD WAIVER, MAKE CHANGES TO THE SIGN STANDARD TABLE, CREATE TWO NEW ADDITIONAL SIGN TYPES; DEVELOPMENT PROMOTION AND DIRECTION AND WALL ART AND BUILDING MURAL.

**WHEREAS,** in compliance with the Utah State Municipal Land Use, Development, and Management Act (LUDMA), the City established an amendment to the Vineyard Zoning Code Section 15.48 Signs,

**WHEREAS**, the Vineyard City Zoning Code Amendment provides modifications to the sign standard table, removes the sign standard waiver, and creates additional sign types,

**WHEREAS**, the Planning Commission held a public hearing on April 18, 2023, and after fully considering public comment and staff recommendation, recommended approval to the City Council, and,

**WHEREAS**, the City Council reviewed the amended language within the Vineyard Zoning Code Amendment and held a public hearing on April 26, 2023, and after fully considering public comment, staff and Planning Commission's recommendations,

**NOW THEREFORE,** be it ordained by the Council of the Vineyard, in the State of Utah, as follows:

**SECTION 4:** <u>AMENDMENT</u> "15.48.010 Purpose And Intent" of the Vineyard Zoning Code is hereby *amended* as follows:

#### AMENDMENT

#### 15.48.10 Purpose And Intent

The purpose of this sign ordinance is to preserve and protect the health, safety, and general welfare of city residents and businesses by regulating the design, materials, size, number and location of signs. The purpose of this section is to achieve the following:

- 1. <u>To Rreduce</u> potential hazards to motorists and pedestrians by providing adequate signage in order to identify a business or facility while eliminating excessive, obtrusive, <u>and</u> confusing sign displays, and excessive illumination.
- 2. <u>To Ppreserve</u> and improve the aesthetic appearance of the <u>Ccity</u> by reducing or prohibiting signage that is overbearing, creates visual clutter or excessive illumination.
- 3. To encourage well-designed signs that contribute in a positive way to the city's visual environment and help maintain an image of quality for the city.
- 4. To provide for temporary signs in limited circumstances, without regard to the communicative content of the sign
- 5. <u>To Pprovide</u> each sign user an opportunity for effective identification.
- 6. To support the goals and policies of the Vineyard General Plan
- 7. To establish a process for the review and approval of a sign permit application.

**SECTION 5:** <u>AMENDMENT</u> "15.48.040 General" of the Vineyard Zoning Code is hereby *amended* as follows:

#### AMENDMENT

15.48.40 General

Signs shall be allowed within the city according to the regulations contained in this section. It shall be unlawful to erect or otherwise display a sign without complying with the applicable terms and provisions of this section.

- 1. Sign Permit Required: Prior to erecting, construction, placement, relocation, alteration, and/or modification of any sign, a sign permit shall be obtained from the city except as exempted within this Title. Such application for sign permit shall be subject to standards, procedures and other requirements of this section.
- 2. Permit Exemptions: The following items are exempt from permit requirements but shall conform to the specifications of this Title and sign definitions listed in Section

#### 15.48.080:

- a. Official Signs, signs of a noncommercial nature and in the public interest, erected by, or on the order of a public officer
- b. Incidental signs not over 6 SF in size
- c. Standard sign maintenance
- d. Interior signs that are not visible or intended to be visible from the public-way
- e. Site address
- f. Flags
- g. Temporary signs except as stated within this Title
- h. Window Signs
- 3. Permit Application Process
  - a. Except as otherwise noted in this Title, it shall be unlawful for any persons to erect, alter, construct, or relocate any sign within the city without first obtaining a permit. In addition, electrical permits are required for electrical signs.
  - b. A sign permit application shall be submitted to the Planning Department on an application formatted and maintained by the city. The application shall contain:
    - i. The number of proposed signs
    - i. The location of the sign/s on the building or premises
    - ii. Plans and specifications including attachment details
    - iv. Final elevations/details, in color, showing the dimensions, materials, colors, design, method of illumination, and landscaping for all proposed freestanding signs
    - v. Building elevations/details denoting the areas designated for wall mounted signage
    - vi. All plans shall show complete details to include size, materials, colors, method of support or attachment
    - vi. Any additional materials required by the city in order to approved the sign permit for issuance
  - c. Prior to the issuance of any sign permit application, the city shall collect a sign permit fee in accordance with a fee schedule established by the city council.
  - d. If installation of a sign has not commenced under any permit issued under the provision of this Title within one hundred eighty (180) days from the date of such permit, or upon completion of building, such permit shall become null and void.
  - e. All signs for which a permit is required shall be subject to the following inspections:
    - i. Footing inspection on all freestanding signs exceeding six (6') feet in height
    - Inspection of all braces, anchors, supports, and connections, including wall signs
    - **ii.** All signs containing electrical wiring shall be subject to the city's adopted electrical code, inspected to meet code compliance and; all electrical components shall bear the label of an approved testing agency.

iv. Site inspection to ensure that the sign has been constructed according to the approved application and valid sign permit

#### 4. Sign Standard Waiver

#### a. Other -

Purpose: A Sign Standard Waiver may be approved by the Planning Commission as an alternative to the requirements set forth in this Title for the uses and developments listed below: Conditions: The Planning Commission may attach conditions, requirements, or standards necessary to assure that the signs covered by the Sign-Standard Waiver meet the intent of this Title and will not be materially detrimental to persons or property in the vicinity. In making its determination the Planning -Commission shall not base any condition on the message content of a sign. The Planning Department will have the right to inspect that any conditions set by the Planning Commission are being met. Evaluation Criteria: Sign Standard Waivers shall be evaluated based on the following criteria: Procedure Stand-alone or Multi-tenantcommercial, office or employment uses A multi-building complex for a single commercial or employment use in a project exceeding 40 net acresShopping CentersHospitalsHotels and Commercial lodging having at least 150 guest rooms and a full service restaurant or conference and meeting roomsConference CentersAutomallsIndoor or Outdoor commercial recreation areasCommuter/light rail stationsMotor vehicle fueling stationsDrive thru facilitiesGateway FeaturePlacement: All signs shall be placed where they are visible and legible. Factors to be considered include its location relative to traffic movement and access points, site features, other structures, and orientation relative to viewing distances and sight triangles. Wall signs may be approved on building walls other than the wall space occupied by the tenant incommercial centers in which some tenants have little or no visibility from the street.Quantity: The number of signs that may be approved within any development shall be sufficient to provide necessary facilitation of internal circulation of vehicular and pedestrian traffic and way finding for safety of the occupants of vehicles and pedestrians. Factors to be considered shall be those that impact safety considerations such as the size of the development and the number of development sub areas. Height: All signs shall be no larger than necessary for visibility and legibility. In no event shall a Sign Standard Waiver contain a freestanding sign that exceeds by more than twentyfeet (20') for multi tenant signs and ten feet (10') for single tenant signs. Sign Area: The Planning Commission may approve a wall signage area not to exceed 8% on any single elevation as long as the signage area is reallocated from an additional elevation. Design Features and Materials: Sign design themes and materials shall be compatible with the architecture, colors, and materials of the project. A sign permit application shall be submitted to the Planning Department on an application formatted and maintained by the city. The application shall contain: Once staff has deemed the application complete the application will be taken to the next reasonable Planning Commission meeting. The number of proposed signs The location of the sign/s on the building or premisesPlans and specificationsFinal elevations/details, in color, showing the dimensions, materials, colors, design, method of illumination, and landscaping for all proposed freestanding signsBuilding elevations/details denoting the areasdesignated for wall mounted signagePhotometric Plan for signs with illuminationAll

plans shall show complete details to include size, materials, colors, method of support or attachmentA narrative describing why a waiver is neededAny additional materials required by the city planner or authorized designeeProhibited signs are excluded from receiving a Sign Standard Waiver, except as allowed within this Title.

#### 5. Nonconforming Signs

- a. Reasonable repair and maintenance of nonconforming signs shall be allowed. In the event a nonconforming sign is damaged or vandalized, the nonconforming sign must be restored to it previous condition within six (6) months or the nonconforming status of the sign shall be forfeited.
- b. If any entity that utilizes nonconforming sign ceases operation for a period of one (1) year, the nonconforming status of the sign shall be forfeited.
- c. Not later than six (6) months after forfeiture of nonconforming status, such nonconforming signs shall be removed at the property owners expense. Any forfeited nonconforming sign not removed with this six (6) month period shall be considered an abandoned sign for the purpose of enforcement.

#### 6. Prohibited Signs

- a. Signs located within any public street, right of way, or other public property, except as allowed in this Title.
- b. Any sign located so as to conflict with the clear visibility of public devices controlling traffic or to impair the safety of a moving vehicle by distracting the vision of the driver.
- c. Any sign which is not specifically permitted in this Title.
- d. Signs which bear or contain statements, words, symbols, images or depictions that are obscene or indecent as to minors as those terms are defined in the U.C.A.
- e. Signs with intermittent or flashing illumination, animated or moving signs and video/television/computer displays. Except as allowed within this Title.
- f. Any inflatable object used for promotional or sign purposes.
- g. Billboards.
- h. Pole or Pylon signs
- i. Portable/A-frame signs
- j. Abandoned signs
- k. Signs emitting sound
- l. Wall mounted box cabinet signs over six (6) square feet in size-, not including projecting signs
- m. Bench signs
- Nehicle signs, does not include the use of business logos, identification or advertising on vehicles primarily and actively used for business purposed and/or personal transportation
- o. Roof signs
- p. Neon signs larger than 3 square feet in sign area
- q. Permanent signs installed, attached, or painted to fences
- r. Flying Banner Signs

#### 7. Measurement of Sign Area

- a. Single-faced sign
  - i. For signs having a distinct border or boundary, the sign area shall be

- calculated by multiplying the length times the width of the entire surface contained within the border, boundary, sign board, or sign face.
- i. For signs with no distinct border or boundary, the sign area shall be calculated by computing the area of a simple rectilinear figure consisting of not more than eight perpendicular lines that contain all of the writing, representations, emblems, logos, or other display elements of the sign.

#### b. Double-faced sign

i. For signs with two (2) identical faces, arranged back to back in parallel planes, and where the sign faces are separated by no more than thirty-six (36) inches, the sign area shall be calculated for one side only.

#### c. Multi-faced sign

i. For a sign with more than one face, the area shall be calculated by adding together the area of all sign faces visible from any point.

#### 8. Measurement of Sign Height

- a. Sign height shall be measured as the distance from the base of the sign to the highest portion of the sign.
- b. Ground shall not be augmented in a manner that adds height to the sign.
- c. Clearance for projecting signs shall be measured as the smallest vertical distance between finished grade and the lowest point of the sign, including any framework or other structural elements.

#### 9. SightClear View Triangle

a. No sign or sign structure shall obstruct traffic by obscuring the vision of motorist. A minimum sign distance triangle of thirty (30) feet shall be maintained at all street and driveway intersections; larger sign distance triangles may be deemed necessary by the City Engineer.

#### 10. Sign Location

- a. No sign shall be placed within the public right-of-way, park strips along roadways or within an easement.
- b. No sign shall be attached to any street post, street sign or other structures within the public right-of-way except where allowed.
- c. No sign may occupy a sightclear view triangle.
- d. No sign or sign structure shall be located within five (5) feet of a property line.
- e. No sign shall be placed in such a position as to endanger pedestrian, bicyclists, or traffic on street by obscuring the view or by interfering with official street signs or signals by virtue of position or color.
- f. On any property where permission to erect and maintain the sign has not been given by the owner or lease holder.

#### 11. Sign Illumination

The artificial illumination of signs, either from an internal or external source, shall be designed to eliminate negative impacts on surrounding rights-of-way and properties. The following standards shall apply to all illuminated signs:

- a. External light sources shall be steady, stationary, directed and shielded light sources directed solely onto the sign.
- b. Signs shall not have exposed fluorescent tubes or incandescent bulbs.
- c. Internally illuminated signs shall have opaque face panels so that only the letters, logos, numbers or symbols appear illuminated. A halo effect is not allowed except through a Sign Standard Waiver.
- d. Electrical raceways and conduits shall be placed so that they are not within public view, not exceed the sign copy, and shall be painted the same colors as the wall surface.
- e. Signs with electrical components shall be constructed, inspected and approved by the Building Department
- f. Awnings with back-lit text or graphics are not allowed
- g. Lighting fixtures shall be decorative and architecturally compatible with the building.

**SECTION 6:** <u>AMENDMENT</u> "15.48.080 Definitions" of the Vineyard Zoning Code is hereby *amended* as follows:

#### AMENDMENT

15.48.80 Definitions

**Abandoned Sign:** A sign which has not identified or advertised a current business, service, owner, product, or activity for a period of at least 180 days.

**Address Sign:** A sign that designates the street number and/or street name for identification purposes.

**A-frame Sign:** A portable, stand-alone sign comprised of two separate panels or faces joined at the top and spread apart at the bottom to form a base upon which the sign stands.

**Animated Sign:** A sign that uses movement or change of lighting to depict action or appearance of motion. This definition includes blinking, flashing, moving and revolving signs.

**Awning:** A cloth, plastic, or other nonstructural covering that projects from a wall for the purpose of shielding a doorway or window. An awning is either permanently attached to a building or can raised or retracted to a position against the building when not in use.

**Awning Sign:** Any sign painted on, adhered to, or applied on, an awning.

**Banner:** A temporary sign made of fabric, plastic, or other light, pliable, weather-resistant materials not enclosed in a rigid frame.

**Bench Sign:** A sign located on the seat or back of a bench or seat placed on or adjacent to a public right of way.

**Billboard:** A sign portraying information or directing attention to a business, activity, commodity service, entertainment, or communication which is not conducted, sold or offered at the parcel on which the sign or structure is located or which does not pertain to the parcel upon which the sign or structure is located.

**Box Cabinet Sign:** A three-dimensional box-like enclosed structure which includes all messages and copy with a single or double sign face.

**Building Façade:** The exterior elevation of a building structure excluding any porches, overhangs, covered walkways, drive thru covers or similar appendages.

**Canopy:** A structure other than an awning made of fabric, metal, or other material that is supported by columns or posts affixed to the ground and may also be connected to a building.

**Canopy Sign:** Any sign that is part of or attached to a canopy. For the purposes of this ordinance a canopy sign shall be considered a wall sign.

**Changeable Copy Sign:** A sign or portion thereof on which the copy or symbols change either automatically through electrical or electronic means, or manually through placement of letters or symbols on a panel mounted in or on a track system.

**Channel Letters:** Three-dimensional, individually cut letters or figures, illuminated or unilluminated, affixed to a structure.

**Commercial Sign:** A sign that contains information or advertising for any business, commodity, service, product or attraction.

<u>Development Promotional and Directional Sign:</u> A temporary sign for the purpose of guiding or directing pedestrian or vehicular traffic to new subdivisions, new development areas, or show homes and may include the development name, developer information, logograms, and directional arrows.

**Directional Sign:** An on-site sign that is designed to direct pedestrian and vehicular traffic into and out of, or within a site.

**Directory Sign:** A sign listing the names, uses or locations of the various businesses or activities conducted within a building or group of buildings, that is centrally located and intended to provide on-site directions.

**Drive-thru Menu Board:** A freestanding sign that lists the products and prices of products for items available at drive-thru facilities, often containing a two-way communication device used by customers to place an order.

**Embellishment:** Anything that enhances the appearance of a freestanding sign without having a functional purpose. For the purpose of this ordinance, embellishment may not include any symbol, representation, logo, insignia, illustration, or other form of advertising message for any business on site. It may contain the name and/or symbol, representation, logo, or insignia of a master planned shopping center, office park, commerce park, or other master planned multitenant development.

**External Illumination:** An external source of illumination that is not part of or attached to a sign.

**Flag:** Any fabric or other flexible material designed to be flown from a flagpole or similar device.

**Flashing Sign:** Any illuminated, on which the artificial source of light is not maintained stationary or constant in intensity and color at all times when such sign is illuminated. For the purposes of this definition, any moving illuminated sign affected by intermittent lighting shall be deemed a flashing sign.

**Flying Banner Sign:** A temporary, stand-alone sign comprised of light fabric that moves with the wind and can turn 360 degrees and is supported by a pole structure and a base.

**Freestanding Sign:** A sign anchored directly to the ground or supported by one or more posts, columns, or other vertical structures or supports and not attached to or depend.

**Gateway Feature Sign:** A sign that imparts to a motorist or pedestrian gains that they have entered the city or a particular part of the city.

**Government/Regulatory Sign:** Any sign for the control of traffic or for identification purposes, street signs, warning signs, railroad crossing signs, and sign of public service companies indicating danger or construction, which are erected by or at the order of a public officer.

**Illegal Sign:** Any sign which does not meet at least one of the following conditions:

- 1. An illegal, non-conforming sign that does not meet the standards of this Title
- 2. A sign erected without first obtaining a permit and complying with all regulations in effect at the time of its construction or use;
- 3. An abandoned sign that has not been removed with the time period specified by this Title:
- 4. A sign that was legally erected, but which later became nonconforming and then was damaged to the extent of 50 percent or more of its replacement value;
- 5. A sign that is a danger to the public or is unsafe; or
- 6. A sign that pertains to a specific event that has not been removed within the specified time after the occurrence of the event.

**Inflatable Sign:** A form of inflatable device or a sign that is displayed, printed or painted on the surface of a balloon or any other form of inflatable background and is used to attract attention to or advertise a noncommercial or commercial message or location.

**Incidental Sign:** A sign displays general site information, instructions, directives, or restrictions that are primarily oriented to pedestrians and motor vehicle operators who have entered a property from a public street. These signs shall not contain any commercial advertising.

**Internally Illuminated:** A light source entirely within a sign where the source of the illumination is not directly visible.

**Maintenance:** The replacing or repairing of a part or portion of a sign made unusable by ordinary wear and tear or by damage beyond the control of the sign's owner.

Marquee Sign: A a sign structure placed over the primary entrance of a building such as a hotel or theater, bearing sign copy and which projects from and is attached to the building. For the purposes of this ordinance a marquee sign shall be considered a projecting sign.

**Monument Sign:** A freestanding sign where the entire supporting base of the sign is affixed to the ground and is not attached to or supported by a building.

**Moving Sign:** A sign designed or made to move freely in the wind or designed or made to move by an electrical or mechanical device.

**Multi-Tenant Sign:** A freestanding sign used to advertise businesses that occupy a shopping center or complex with multiple tenants.

**Neon Sign:** A sign using neon or any other inert gas under low pressure, which glows in a distinctive color when exposed to a high voltage electrical current.

**Nonconforming Sign:** An advertising structure or sign which was lawfully erected and maintained in compliance with the requirements in effect at the time, and which has subsequently come under new amended requirements and does not now completely comply.

**Off-Premises Sign:** A sign whose message directs attention to a specific business, product, service, event or activity not located on the premises upon which the sign is located.

**Pennant Flag Sign:** A triangular or irregular piece of fabric or other material, commonly attached in strings or strands, or supported on small poles intended to flap in the wind.

**Permanent Sign:** A sign that is intended to be and is so constructed as to be lasting and enduring condition, remaining unchanged in character, condition (beyond normal wear) and position.

**Pole Sign:** A freestanding sign that is affixed, attached, or erected on a pole that is not itself an integral part of or attached to a building or structure and where the width of the top of the sign structure is wider than the width of the base.

**Portable Sign:** A sign designed to be transported or moved and not permanently attached to the ground, a building or other structure.

**Primary Building Elevation:** The side of a commercial, office, or industrial building or tenant suite that contains the main entrance. In instances where there is no singular main entrance, the primary elevation shall be the building's most significant side as determined by the Planner.

**Projecting Sign:** A sign, other than a wall sign, that is suspended from or supported by a structure attached to a building and projecting outward from the building.

**Pylon Sign:** A freestanding sign other than a pole sign, permanently affixed to the ground by supports, but not having the appearance of a solid base.

**Raceways:** for electrical signs, the enclosure that holds sign elements, which may also be the structural element that is mounted on a wall or other support element.

**Roof Sign:** A building-mounted sign erected upon, against, or over the roof of a building.

**Shopping Center:** A commercial development consisting of three (3) or more separate commercial establishments sharing a common building, or which are in separate buildings that share a common entranceway or parking area.

**Sign:** Any device, structure, fixture, painting, emblem, or visual that uses words, graphics, colors, illumination, symbol, numbers or letters for the purpose of communicating a message. Sign includes the sign faces as well as any sign supporting structure.

**Sign Area:** The total dimensions of a sign surface used to display information, messages, advertising, logos, or symbols.

**Sign Height:** Sign height shall be measured as the distance from the back of curb to the highest portion of the sign.

**Sign Structure:** Poles, posts, walls, frames, brackets, or other supports holding a sign in place.

**Street Frontage:** The side or sides of a lot abutting on a public street or right-of-way.

**Temporary Sign:** A sign not permanently attached to the ground, a wall or a building, and not intended or designed for permanent display.

**Vehicle Sign:** A sign that is attached to or painted on a vehicle that is parked on or adjacent to any property, the principal purpose of which is to attract attention to a product sold or business located on the property.

**Wall Sign:** A sign that is attached to or painted on the exterior wall of a structure with the display surface of the sign approximately parallel to the building wall.

**Window Sign:** A sign that is applied, painted, or affixed to the interior or exterior of a window, or any sign located inside a building within six (6) feet of the interior side of the window and displayed so as to attract the attention of persons outside the building.

**SECTION 7:** <u>AMENDMENT</u> "15.48.050 Regulations Based On Sign Type" of the Vineyard Zoning Code is hereby *amended* as follows:

#### AMENDMENT

#### 15.48.50 Regulations Based On Sign Type

The Sign Standard Table governs the maximum height, sign area, location, and quantity restrictions unless otherwise noted below.

#### 1. Freestanding Signs

- <u>a.</u> All permanent freestanding signs shall be located a minimum of 50 feet from any other permanent freestanding sign on the same parcel.
- <u>b.</u> All permanent freestanding signs shall be situated perpendicular to the street.
- <u>c.</u> All permanent freestanding signs shall be of monument style only and shall complement the site architecture.
- <u>d.</u> Landscaping shall be provided at the base of all permanent freestanding signage.

#### 2. Drive-Thru Lane Signs

- a. Where drive-thru uses are allowed, drive-thru lane signs are permitted
- <u>b.</u> No more than two (2) drive-thru lane signs are allowed for a drive-thru business establishment.
- <u>c.</u> The total maximum sign area shall not exceed fifty (50) square feet and six (6) feet in height.
- <u>d.</u> A drive-thru lane freestanding sign shall be constructed with a solid base.
- e. A computer display may be used.

#### 3. Changeable Copy Sign

- <u>a.</u> Changeable Copy signs shall have static displays that shall not change more than once every eight (8) seconds. Video, animation or special effects such as traveling, scrolling, fading, dissolving, and bursting shall not be permitted, except through a Sign Standard Waiver
- <u>b.</u> Shall not increase the brightness level by more than 0.3-foot candles over ambient brightness levels.
- c. Changeable Copy signs which incorporate electronic message displays are required to have an automatic dimmer control to allow for automatic dimming of the intensity of the sign illumination and accommodate varying light conditions.

#### 4. Flags

- a. Flags or Flagpoles shall not be located within any public right-of-way.
- b. Flagpoles shall have a maximum height of thirty-five (35) feet for residential

- and fifty (50) feet for commercial. Flagpoles over thirty (30) feet in height shall require a building permit.
- <u>c.</u> No more than two (2) flagpoles per lot in residential districts, no more than three (3) flagpoles per lot in all other districts.
- <u>d.</u> For each principal structure on a parcel, up to two (2) flag brackets or stanchions may be attached or placed for the display of flags.
- e. The maximum sign area of a flag displaying a commercial message shall not exceed twenty-four (24) square feet in residential districts, thirty-five (35) square feet in all other districts. For the purpose of determining the sign area of a flag, only one side of the flag shall be counted.

#### 5. Wall Signs

- a. Signs may be either internally or externally illuminated
- <u>b.</u> Excluding vertically integrated mixed-use buildings which contain retail uses on the ground floor, buildings excess of two stories shall be allowed only one (1) wall mounted sign per elevation, to be located in a sign band between the top of the upper story windows and the top of parapet. Said sign shall not be required to be located over the tenant's particular suite.

#### 6. Awning Sign

- <u>a.</u> Logos, symbols and graphics that do not include text may be allowed on the shed (slope) portion of an awning and shall not exceed fifty percent (50%) of the shed.
- <u>b.</u> Lettering shall be located within the middle seventy percent (70%) of the valance area
- <u>c.</u> Awnings shall not be lit from under the awning (back-lit) so that the awning appears internally illuminated
- <u>d.</u> Awnings shall be regularly cleaned and kept free of dust and visible defects 7. Projecting Sign
  - <u>a.</u> Shall not be less than eight feet (8') above the surface over which they project in pedestrian areas
  - <u>b.</u> Shall not project into alley more than three feet (3') and shall not be less than fourteen feet (14') above the alley surface where vehicles are allowed
  - <u>c.</u> Internally illuminated projecting signs shall have opaque face panels so that only the letters, logos, numbers or symbols appear illuminated.
  - d. Shall not be closer than fifteen feet (15') to another projecting sign or a freestanding sign or five feet (5') from an interior property line or a line dividing Two (2) separate business frontages
  - e. May not project above the roof.

#### 8. Development Promotional and Directional Sign

- <u>a.</u> One sign per frontage, not to exceed **ninety-six (96) square feet** in area within residential, commercial, and industrial zones is permitted.
- b. Each sign must be approved by the Community Development Director or authorized agent with a one (1) year limitation per approval. Renewals may be granted on a yearly basis but not to exceed two (2) years.
- c. It is the intent of the City the Development Promotional Sign be displayed only during construction of the project.
- d. Must be located only on property in which the sign is advertising with a two

foot setback from all properties. Each must comply with all clear view requirements (Refer to Section 15.48.04.09)

#### 9. Wall Art and Building Murals

- <u>a.</u> All wall art, murals, or parking structure screening shall not exceed thirty percent (30%) of a building or structure facade.
- b. The Planning Commission may approve a higher area dedicated towards wall art or murals if the allowable square footage is reallocated from other facades of the same building.
- c. Wall art or murals located within the public right-of-way or on a public facility shall be reviewed by the Arts, Recreation & Parks, Cultural, and Heritage Advisory Commission (ARCH) for a recommendation to the City Council. The City Council is authorized to approve all public wall art and murals within the city.
- <u>d.</u> All lettering, logos, or symbols for advertising purposes shall meet the Wall Sign standards.

**SECTION 8:** <u>AMENDMENT</u> "15.48.070 Sign Standard Table" of the Vineyard Zoning Code is hereby *amended* as follows:

#### AMENDMENT

#### 15.48.070 Sign Standard Table

Sign Types	Max. Sign Area	Max. Height	Setback/Locatio n	Max. Number	Special Provisions
OS, A-1, and residential districts					
Monument (development entry ways)	25 SF	5 Feet	30' clear zone shall be maintained per any street corner, curb cut out of driveway, measured from the nearest edge of the driving surface	2 per entry way into a developme nt	pPlaces of worship and private school located within residential districts shall be permitted 1 sign that meets these requirements
		Shall not			

Wall	6 SF	extend above the lowest portion of a flat roof, the top of a parapet wall, or above the eaves line/fascia of any roof type		2 per pedestrian or vehicular entrance	
Temporary	6 SF	4 Feet	Shall be located on private property and shall not encroach into the public right of way.	2 per lot	Refer to 15.48.060 for temporary sign regulations
Development Promotional and Directional	<u>96 SF</u>	<u>15 Feet</u>	Shall be located within the property in which the sign is advertising and with a 2 foot setback from all surrounding properties and out of any site visibility lines	1 per frontage, maximum 4	Refer to 15.48.050 for development promotional and directional sign regulations
Sign Types	Max. Sign Area	Max. Sign Height	Setback/Locatio n	Max. Number	Special Provisions
BP, FOI, M, I, RC, RMU, FMU, NC, PF, GRMU, Downtown					

Monument (single tenant)	40 SF	610 Feet	5 feet from property line and out of any site visibility lines	1 sign for single users. 2 signs for properties with frontage on 2 arterial streets.	May extend no more than 20% over the allowed height for the purpose of architectural embellishment. No commercial content may extend into embellishment.
Monument (multi-tenant)	80 SF	15 <u>20</u> Feet	5 feet from property line and out of any site visibility line	1 per each street frontage. Master Developme nts with 800 FT or more frontage shall be permitted 1 sign per every 400 feet of frontage.	With two (2) or more tenants of separate businesses or organizations
Wall	5% on each building elevatio n.  Maximu m size allowed is equal to 10% of the elevatio n.	Minimum 8' above finished grade Shall not extend			Shall not project more than 15 inches from the wall. If sign

	In no case shall a wall sign be required to be smaller than 60 SF.	above the lowest portion of a parapet wall, or above line/fascia of any roof type.	Located withinthe middle 80% of the building frontage, measured from lease line to lease line. Cannot extend beyond the roof line.	1 per elevation,m aximum 4. except as approved through a sign standard waiverInclu des projecting signs.	projects less than 3 inches from wall, the 8' foot height requirement need not be met but may not be lower than the lowest point of any window.
Awning	50% of the awning	8' minimum clearance to grade required for the lowest portion of the awning.	Street fronting face of the awning	1 per awning	Shall be included in the total size for wall signs.
Projecting	No maximu m area for sign type	Minimum 8' clearance to back of curb required for the lowest		1 per storefront entrance	Shall be included in the total size for wall signs.

		portion of the projecting sign.  The top of the sign shall be located below the windows on the second-floor building			
Window	Shall not occupy more than 25% of the total area of a single window surface				Any sign located inside of a building within 6 feet of an exterior window shall be counted as a window sign.  All video displays visible from an exterior window are prohibited.
Temporary	30 SF Window : 25%	Freestandin g: 8ft.  Shall not extend above the second story of the building the sign is displayed on.	Shall be located on private property and not encroach into the public right of way.	2 Per lot	Refer to 15.48.060 for temporary sign regulations.

		Shall maintain at least 8' from grade to bottom of sign.			
Developm ent Promotion al and Directional	96 SF	15 Feet	Shall be located within the property in which the sign is advertising and with a 2 foot setback from all surrounding properties and out of any site visibility lines	1 per frontage , maximu m 4	Refer to 15.48.050 for development promotional and directional sign regulations
Wall Art and Building Mural		Not to exceed the height of the subject building.	Building facade.	Limited to coverage allowances.	Shall not project more than three (3) inches from the wall.

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**SECTION 9:** <u>AMENDMENT</u> "15.60.020 Definitions" of the Vineyard Zoning Code is hereby *amended* as follows:

#### AMENDMENT

#### 15.60.020 Definitions

Words not defined herein shall have a meaning consistent with Webster's New Collegiate Dictionary, latest edition.

**Abandon/Abandoned**: Means a use that has been discontinued for a minimum period of one (1) year or a building, structure, sign, or other object that remains vacant or unused for a minimum period of one (1) year.

**Abandonment**: Any act that results to abandon.

**Access**: The provision of vehicular and/or pedestrian ingress and egress to a lot, parcel, building, or structure.

**Accessory Building**: A building customarily incidental and clearly subordinate to the primary building and located on the same lot as the primary building.

**Accessory Use**: A use clearly incidental, subordinate and customarily found in connection to the primary use and located on the same lot as the primary use.

Active or Valid Building Permit: A Building Permit that has not expired.

**Adjacent Property/Adjacent Landowners**: A lot or parcel of property, or the owner of record of such, according to the records of the Utah County Recorder that has a common boundary line with a lot or parcel of property that is the subject of some action before the city.

**Affected Entity**: Means a county, municipality, independent special District under Title 17A, Chapter 2, Independent Special Districts, Local District under Title 17B, Chapter 2, Local Districts, School District, interlocal cooperation entity established under Title 11, Chapter 13, InterLocal Cooperation Act, specified public utility, or the Utah Department of Transportation, if:

- 1. The entity's services or facilities are likely to require expansion or significant modification because of an intended use of land;
- 2. The entity has filed with the municipality a copy of the entity's general or long-range plan; or
- 3. The entity's boundaries or facilities are within one mile of land that is the subject of a general plan amendment or land use Ordinance change.

**Agent**: The person with written authorization to represent a property owner.

**Agriculture**: An area which is used for the commercial production, keeping, or maintenance for sale of plants and domestic animals typically found in Utah County, or lands devoted to a soil conservation management program, but excluding the keeping of prohibited animals, Commercial Plant Nursery, as defined herein, Concentrated Animal Feeding Operation, as defined by the U.C.A., 1953, as amended, and subject to the Utah Pollutant Discharge Elimination System (UPDES), or similar activities.

**Agricultural Building:** A structure used in conjunction with an allowed agriculture use, and not for human occupancy, and complying with the requirements of § 58-56-4, U.C.A., 1953, as amended. To qualify as an agricultural building the structure must meet all requirements of § 58-56-4(1), U.C.A., 1953, as amended.

**Alcoholic Beverages**: Means and includes beer and liquor as defined in the State of Utah Alcoholic Beverage Control Act, as amended.

**Alteration**: Any change, addition, or modification in construction of a building or structure.

**Animal Hospital:** A facility for the diagnosis, treatment and hospitalization of animals, that may include indoor holding facilities only for the treatment and observation of animals but does not include any outdoor holding or boarding facilities, unless Outdoor Boarding Kennels are listed as an allowed use in the Zoning Use Matrix.

Apiary: Any place where one (1) or more colonies of bees are located.

**Appeal Authority**: The person, board, commission, agency, or other body designated by this Ordinance to decide an appeal of a decision of a Land Use Application or a Variance.

**Applicant**: Any person(s) presenting a Land Use Application for any Approval, Permit, or License required by a Land Use Ordinance.

**Application/Land Use Application**: Written requests for an Approval, Permit, or License and completed in a manner prescribed by this Ordinance for review and decision by a Land Use Authority.

**Application, Complete**: An Application that includes all information requested on the appropriate form, and payment of all applicable fees.

**Application, Incomplete**: An Application that lacks information requested on the appropriate form, or lacks the payment of all applicable fees.

**Architectural Projection**: Any projection which is not intended for occupancy and which extends beyond the face of an exterior wall of a building, but shall not include signs.

**Assembly, Place of:** The use of land for a meeting place where persons gather together for purposes of attending civic, social, religious functions, recreational events or entertainment performances on a regular or recurring basis including, but not limited to, religious institutions, banquet facilities, funeral homes, theaters, conference centers, stadiums, and indoor or outdoor recreational facilities.

**Awning**: A roofed structure placed to extend outward from the building providing a protective shield for doors, windows, and other openings supported by the building or other supports.

**Base District**: A Zoning District that establishes regulations governing land use and site development in a specific geographic area.

**Basement**: A story partly underground and having at least one-half (1/2) its height below the average level of the adjoining ground.

**Bay Window**: A window or series of windows forming a recess or bay from a room and projecting outward from the wall.

Beekeeper: A person who keeps honeybees in order to collect honey and beeswax and pollinate crops.

Beekeeping Equipment: Anything used in the operation of an apiary, such as hive bodies, supers, frames, veils, gloves, top and bottom boards, extractors or other equipment to handle or manipulate bees, honey, wax, or hives.

**Berm**: A mound of earth used as a site feature, or to shield, screen, and buffer uses, undesirable views and to separate land uses.

**Best Management Practices (BMPs)**: A practice, or combination of practices, determined to be the most effective (including technological, economic, and institutional considerations) means of preventing or reducing disturbance or disruption to the natural environment.

**Billboard**: A freestanding sign designed or intended to direct attention to a business, product, or service that is not provided, sold, offered, or existing on the property where the sign is located.

**Buildable Area**: That area of a lot or parcel which is outside of any required setback areas and outside of any other areas regulated by this Ordinance.

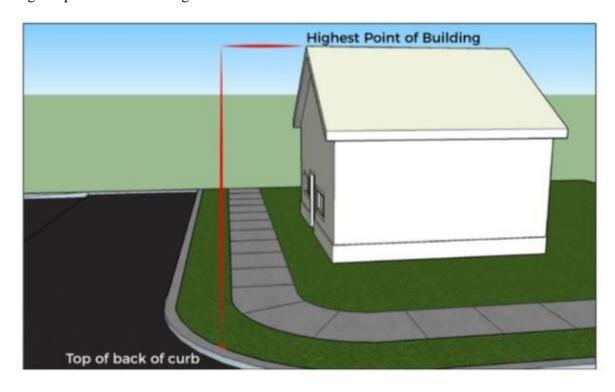
**Building**: Any structure, whether permanent or temporary, which is designed, intended, or used for occupancy by any person, business, animals, possessions, or for storage of property or materials of any kind.

**Building Code**: The International Building Code, as adopted by the city.

**Building Facade**: That portion of an exterior elevation of a building extending from the finished grade to the top of the parapet wall or eaves and the entire width of the building elevation.

**Building Frontage**: The horizontal, linear dimension of that side of a building abutting a street, a parking area, or other circulation area open to the public.

**Building, Height**: The vertical distance from the TOP OF THE BACK OF CURB to the highest point of the building or structure.



**Building Line**: The line circumscribing the buildable area of a lot.

**Building Line, Front**: A line parallel to the front lot line and at a distance there from equal to the required depth of the front yard setback and extending across the entire width of the lot or parcel.

**Building Line, Rear**: A line parallel to the rear lot line and at a distance there from equal to the required depth of the rear yard setback and extending across the entire width of the lot or parcel.

**Building Line, Side**: A line parallel to the side lot line and at a distance there from equal to the required depth of the side yard setback and extending between the front and rear building lines.

**Building Official**: The person charged with the administration and enforcement of the Building Code of the City of Vineyard, or designee.

Building Permit: A Permit authorizing a construction activity.

**Business**: Means and includes all trades, occupations, professions, or activities carried on within the city for the purpose of gain or economic profit.

**Carport**: Roof structures open on at least two sides and subject to all requirements prescribed for a garage.

Cannabis Production Establishment: See USC Section 26-61a-102 Definitions.

Car Wash: A facility that offers the washing of motor vehicles and motorcycles by either machine or hand-operated mechanisms used principally for the cleaning, washing, polishing, or waxing of motor vehicles not exceeding 10,000 pounds Gross Vehicle Weight. A facility of this type may be able to accommodate more than one vehicle at the same time.

**Certificate of Occupancy**: A certificate issued by the Building Official authorizing occupancy of a building or structure requiring a Building Permit.

Chemical Manufacturing, Storage, and Distribution (Existing): A use, existing and established in the Towncity on January 1, 2008 and engaged in making of chemical products from raw or partially finished materials and the storage and distribution of such chemical materials and that by reason of materials, processes, products or waste may be hazardous or that by the emission of odor, dust, smoke, gases, noise, vibration, glare, heat or other impacts may impact adjoining properties, and which may include the parking and storage of distribution vehicles, and accessory activities.

**Chief Executive Officer**: Means the Mayor of the City of Vineyard. City Engineer: A registered Civil Engineer so appointed by the city.

**Clear View Area**: Areas at intersecting streets and driveways where unobstructed vision is maintained, as required by this Ordinance.

Clinical Support Housing: Residential housing whose occupancy is restricted to persons who are registered or employed as a patient, student, or staff member associated with the clinical or educational program of the facility or campus in which the housing unit or dormitory is located.

**Cluster Development**: A design that locates buildings in specific areas of a site to allow the remaining land to be used, but not limited to, recreation, open space, and preservation of sensitive land areas.

Code: The City of Vineyard Municipal Code, as adopted.

Colony: Bees in any hive including queens, workers, or drones.

**Commercial Kennel**: An establishment where four (4) or more dogs, older than four (4) months, are kept for the purpose of boarding, breeding, raising or training dogs for a fee or on a nonprofit basis.

**Commercial Plant Nursery**: A use wholly, or partially, contained within one or more greenhouses where trees, shrubs, flowers, or vegetable plants are grown and sold to retail or wholesale customers.

**Commercial Recreation, Indoor**: A use, either public or private, providing amusement, pleasure, or sport, which is operated entirely within an enclosed building, including but not limited to live theater, and movie houses, indoor tennis, bowling, and skating, baseball batting cages, paintball, horse riding or similar activities. This use may include associated eating and drinking areas, retail sales areas and staff offices.

Commercial Recreation, Outdoor: An area or facility that offers entertainment or recreation outside. This use is limited to a golf driving range, baseball batting cages, riding arena, tennis facility, miniature golf, and swimming pool, and may include, as accessory uses, associated eating and drinking areas, retail sales areas and staff offices. This use specifically excludes shooting range, go-cart, motor vehicle and/or motorbike tracks, or similar activities that may create noise, dust, or other nuisances to adjoining and surrounding uses.

**Commission**: The Planning Commission of the City of Vineyard.

**Common Area**: Facilities and yards under common ownership.

**Common Ownership**: Ownership of the same property by different persons.

Commuter and Light Rail Facilities and Station: A rail transit system that covers long distances, usually with less frequent station spacing and train times than light rail that runs on a separate right-of-way from cars, and often sharing an existing freight corridor. Light rail transit systems can run along city streets or in a separate right-of-way. Station areas are located along the transit lines to link park-and-ride lots with the transit system.

**Composting Facility**: A facility where organic materials are converted into a humus-like material under a process of managed biological decomposition or mechanical processes. Normal backyard composting and composting incidental to agricultural operations are exempted from this use classification.

**Conditional Use**: A land use that, because of its unique characteristics or potential impact on the municipality, surrounding neighbors, or adjacent land uses, may not be compatible in some areas, or may be compatible only if certain conditions are required that mitigate or eliminate the detrimental impacts.

**Constitutional Taking**: A governmental action that results in a taking of private property so that compensation to the owner of the property is required by the:

- 1. Fifth or Fourteenth Amendment of the Constitution of the United States; or
- 2. Utah Constitution Article I, Section 22.

**Construction**: The materials, architecture, assembly, and installation of a building or structure.

**Construction Activity**: All grading, excavation, construction, grubbing, or other site preparation or development activity which disturbs or changes the natural vegetation, grade, or any existing building or structure, or the act of adding an addition to an existing building or structure, or the erection of a new primary or accessory building or structure on a lot or parcel.

**Construction Sales and Service**: An establishment engaged in the retail or wholesale sale of materials and services used in the construction of buildings or other structures. Typical uses include lumberyards, home improvement centers, lawn and garden supply stores, electrical, plumbing, air conditioning and heating supply stores.

**Contractor's Office/Storage Yard**: A facility providing building construction and maintenance services including carpentry, plumbing, roofing, electrical, air conditioning and heating, with a base of operations and which may include the indoor and outdoor storage of building materials, equipment, or vehicles used by the construction business.

**Corral**: A space, yard, or other unenclosed area, other than a building, used for the confinement of animals.

**Council**: The City Council of the City of Vineyard.

**County**: The unincorporated area of Utah County, or the Board of County Commissioners of Utah, Utah.

**Cul-de-sac**: A street with only one (1) outlet and an area for the safe and convenient turning around of traffic.

**Culinary Water Authority**: The department, agency, or public entity with responsibility to review and approve the feasibility of the culinary water system and sources for the subject property.

**Cut**: The process of lowering the natural grade of the ground, or the depth or the volume of such material removal.

**Daycare Facility, Commercial**: A facility, operated by a person qualified and licensed by the State of Utah, which provides children with day care and/or preschool instruction as a commercial business and complying with all applicable State standards and licensing and having regularly scheduled, ongoing enrollment for direct or indirect compensation that provides child care for less than twenty-four (24) hours per day. Commercial Daycare Facilities excludes the following:

- 1. Kindergartens or nursery schools or other daytime programs operated by public or private elementary or secondary schools or institutions of higher learning;
- 2. Facilities operated in connection with a fitness center, shopping center or other activity where children are cared for temporarily while parents or custodians of the children are occupied on the premises or are in the immediate vicinity and readily available;
- 3. Special activities or programs, including athletics, crafts instruction and similar activities, conducted on a periodic basis by civic, charitable, private, or governmental organizations; or
- 4. Clearly identified as an Accessory Use.

**Decibel (dB)**: A unit of measure used to express intensity of noise.

**Declaration**: The legal instrument by which property is subjected to the provisions of the State of Utah Condominium Ownership Act, or a declaration of covenants, conditions, and restrictions.

**Dedication**: The setting aside of land by an owner for any public use for the enjoyment of the public and owned by a public agency.

**Demolish** or **Demolition**: Any act or process that destroys in part or in whole a building or structure.

**Density**: The intensity or number of nonresidential and residential uses expressed in terms of unit equivalents per acre or lot or units per acre.

**Density, Base:** The number of dwelling units per acre allowed by a Zoning District.

**Density, Incentive**: The number of additional dwelling units per acre allowed in addition to the base density.

**Developer**: Any person or organization that develops, or intends to develop or sell property for the purpose of future development subject to the provisions of this Ordinance, or other Land Use Ordinances.

**Development Activity**: Any of the following: (a) Any man-made change to improved or unimproved lands, including but not limited to buildings or structures, mining, dredging, filling, grading, paving, excavation or drilling operations; (b) Any construction, reconstruction, or expansion of a building, structure, or use; (c) Any change in the use of a building or structure; (d) Any change in the use of land that creates additional demand and need for public facilities or services; (e) The act of subdividing; or (f) The act, process or result of developing.

**Development Agreement**: A contract between an Applicant or owner and the Council pursuant to the provisions in this Ordinance.

**Development Site**: The perimeters and total area of a tract, lot, or parcel of land intended to be used for a development activity.

**Development Standards**: Established regulations concerning lot areas, yard setbacks, building height, lot coverage, open space and any other special regulations deemed necessary to accomplish the purpose of this Ordinance or other Land Use Ordinances.

**Disability**: Disability means a physical or mental impairment that substantially limits one or more of a person's major life activities, including a person having a record of such impairment or being regarded as having such impairment. (§ 57-21-2(9)(a) U.C.A., 1953, as amended). Disability does not include current illegal use of, or addiction to any Federally controlled substance, as defined in Section 102 of the Controlled Substances Act, 21 U.S.C. 802. (§ 57-21-2(9)(b) U.C.A., 1953, as amended). Disability does not include placement in lieu of confinement, rehabilitation, or treatment in a correctional facility.

**Distribution Center:** A facility where the storage and distribution of goods and materials occurs inside a fully enclosed building and which may include the parking and storage of distribution vehicles, and accessory activities.

**Domestic Livestock and Fowl**: Limited to domesticated horse (Equus caballus), domesticated cattle (Bos taurus and Bos indica), domesticated sheep (Ovis aries), domesticated goat (Capra hircus) and domestic fowl. Domestic Livestock and Fowl do not include inherently or potentially dangerous animals, fowl, reptiles, or exotic animals.

**Driveway**: A private access, the use of which is limited to persons residing, employed, or otherwise using or visiting the parcel on which it is located.

**Drive-Through Facility**: A facility which by design, physical facilities, service or packaging procedures, encourages or permits customers to transact business or receive services or goods while remaining in their motor vehicles.

**Dwelling, Accessory Unit**: An attached dwelling unit to a single-family home, or located above a detached garage serving a single-family home which is located on the same lot as the single-family home designed to be clearly subordinate to the principle dwelling. An accessory dwelling unit provides complete, independent living facilities with a separate dwelling entrance than the principle dwelling.

**Dwelling, Accessory Unit for Owner or Employee**: An attached, or detached, dwelling unit for an employee or owner and incidental and clearly subordinate to the existing primary building or use and located on the same lot as the primary building or use.

**Dwelling, Condominium**: An individually owned dwelling unit, the ownership of which includes an undivided interest in the land and other common areas and facilities, as provided and recorded in a property deed or other instrument, as required by Utah law, and which is typically maintained by an association of the owners. Must meet allowed density requirements.

**Dwelling, Multiple-Family**: A building containing three (3) or more dwelling units.

**Dwelling, Single-Family**: A building containing one (1) dwelling unit.

**Dwelling, Two-Family**: A building containing two (2) attached dwelling units.

**Dwelling Unit**: A building, occupied by no more than one (1) family as defined herein, containing one (1) or more rooms and one (1) kitchen and including areas for living and sleeping, designed to be used for human occupancy, and complying with all provisions of the Building Code.

**Dwelling Unit, Manufactured**: A transportable factory built housing unit constructed on or after June 15, 1976, according to the Federal Home Construction and Safety Standards Act of 1974 (HUD Code), in one or more Sections, which, in the traveling mode, is eight (8) feet or more in width or forty (40) feet or more in length, or when erected on site, is four hundred (400) or more square feet, and which is built on a permanent chassis and is designed to be used as a dwelling unit with, or without a permanent foundation, when connected to the required utilities, and includes the plumbing, heating, air-conditioning, and electrical systems.

To meet the requirements of this Ordinance and State laws, when erected on the site the home must be at least 24 feet in width at the narrowest dimension, have exterior and roofing materials acceptable to the Building Code, as adopted by the City of Vineyard, have a minimum roof pitch of 2:12, and be located on a permanent foundation, in accordance with plans providing for vertical loads, uplift, and lateral forces and frost protection in compliance with the Building Code. All appendages, including carports, garages, storage buildings, additions, or alterations must be built in compliance with the Building Code. The manufactured dwelling must be connected to the required utilities, including plumbing, heating, air-conditioning, and electrical systems. All manufactured dwelling units constructed on or after June 15, 1976, shall be identifiable by the manufacturer's data plate bearing the date the unit was manufactured and a HUD label attached to the exterior of the home certifying the home was manufactured to HUD standards. A Manufactured Dwelling Unit shall be identified as real property on the property assessment rolls of Utah County.

**Earth Station**: A communication facility which transmits and/or receives signals to and from an orbiting satellite using satellite dish antennas.

**Easement**: That portion of a lot, parcel, or tract reserved for present or future use by a person or agency other than the fee owner(s) of the property. The easement may be for use under, on, or above said lot, parcel, or tract.

**Educational Facility**: Public schools, colleges or universities qualified by the State of Utah Board of Regents or State of Utah Board of Education to provide academic instruction. Privately owned buildings and uses for educational activities that has a curriculum for technical or vocational training, kindergarten, elementary, secondary or higher education.

**Elderly Person**: A person who is 60 years old or older, who desires or needs to live with other elderly persons in a group setting, but who is capable of living independently.

**Emergency Care Facility**: A facility or licensed healthcare provider providing emergency medical or dental or similar examination, diagnosis, treatment and care on an outpatient basis only.

**Environmental Remediation**: Removal and processing of on-site waste and/or contaminated materials for the purposes of remediation of the site for future use. All uses in this category are considered temporary for the duration of the remediation process and do not include importation of waste for processing. Such uses shall comply with the provisions for separation of uses and performance standards contained herein.

**EPA**: The United States Environmental Protection Agency.

**Escrow**: A deposit of cash with the city, or approved alternate in lieu of cash, held to ensure the performance of a task or a maintenance guarantee.

**Excavation**: The removal of boulders, gravel, rocks, earth, or similar naturally occurring deposits from its natural position.

**External Illumination**: Lighting that illuminates a building or structure, parking area, or other outside area from a location outside of the building or structure.

**Family**: A person living alone, or any of the following groups living together as a single housekeeping unit and sharing common living, sleeping, cooking and eating facilities: (a) Any number of people who are related by blood, marriage, adoption, or court sanctioned guardianship together with any incidental domestic or support staff who may or may not reside on the premises; or (b) four (4) unrelated people; or (c) two (2) unrelated people and any children related to either of them. "Family" does not include any group of individuals whose association is temporary or seasonal in nature or who are in a group living arrangement because of criminal offenses.

**Farmer's Market**: An area used for the sale of fresh produce and related food items, which may have outdoor storage and sales. A farmers' market may provide space for one or more vendors.

**Fence:** A barrier or obstruction of any material, with the purpose or intent, or having the effect, of preventing passage or view across the fence line.

**Fence, Open**: A fence which permits vision through more than fifty percent (50%) of each square foot more than eight (8) inches above the natural or finished grade.

**Fence, Sight Obscuring**: A fence which permits no vision (0%) through any part of the fence more than eight (8) inches above the natural or finished grade.

**Fill**: The process of raising the natural grade of the ground, or the depth or the volume of such material.

**Financial Institution**: A financial company or corporation providing the extension of credit, and the custody, loan or exchange of money; but not including Pawnshops.

**Fiscal Impact Analysis**: An analysis that describes the current or anticipated effect upon the public costs and revenues imposed by a development activity.

Flammable Liquids or Gases Manufacture, Storage and Distribution: A facility which may produce, store and/or distribute flammable liquids and gases and which may include the parking and storage of distribution vehicles, and accessory activities.

**Flood or Flooding**: A general and temporary condition of partial or complete inundation of normally dry land areas from:

- 1. The overflow of inland waters; including streams, creeks and rivers and/or
- 2. The unusual and rapid accumulation or runoff of surface waters from any source.

**Flood Insurance Rate Map** (**FIRM**): An official map of a community on which the United States Federal Emergency Management Agency has delineated areas of flood hazard.

**Flood Insurance Study**: The official report provided by the United States Federal Emergency Management Agency that include flood profiles, the Flood Boundary-Floodway Map, and the water surface elevation of the base flood.

**Flood Plain, 100 Year**: An area where a peak flow magnitude has about a 1 percent (1%) chance of being equaled, or exceeded in any year. The area is based on statistical analysis of stream flow records available for the watershed and analysis of rainfall and runoff characteristics in the general region of the watershed. The flood would have an average frequency of occurrence of about once in one hundred (100) years.

**Floor Area**, (**Gross Floor Area**): The sum of the footage contained within all buildings or structures on a site measured from the outside wall surfaces and including basements, garages, porches, utility rooms, stairways, recreation rooms and storage rooms, but excluding unroofed balconies and patios.

**Floor Area**, (Net Floor Area): The sum of the footage contained within all buildings or structures on a site measured from the inside wall surfaces including basements but excluding, garages, porches, utility rooms, stairways, storage rooms, and unroofed balconies and patios.

**Floor Area, (Total)**: The sum of the gross floor area of all floors of a building and its accessory buildings located on the same lot. All dimensions shall be measured from the exterior faces of the exterior walls.

**Floor Area Ratio**: The total gross floor area of a building divided by the area of the lot on which it is located.

**Foot Candle**: A unit for measuring the amount of illumination on a surface.

**Frontage**: All the property fronting on one (1) side of the street between intersecting or intercepting streets, measured along the street line.

**Funeral Home**: An establishment where the dead are prepared for burial or cremation and which may include areas for embalming, performing of autopsies and the storage of funeral supplies and vehicles and where funerals may be held.

Garage: An accessory building used for the storage of motor vehicles.

**General Plan**: The City of Vineyard General Plan, as adopted.

**Geologic Hazard**: A hazard inherent in the crust of the earth, or artificially created, which is dangerous, or potentially dangerous to life, property or improvements, due to the movement, subsidence, or shifting of the earth. The term includes, but is not limited to, unstable slopes, faulting, landslides, and rock falls.

**Golf Course**: An area used for the purposes of playing golf, but which may include associated restaurants, commercial retail sales areas, and course maintenance facilities.

**Grade, Finished**: The finished elevation of the surface of the land after the completion of any development activity or other excavation.

**Grade, Natural**: The elevation of the surface of the land prior to any development activity or excavation.

**Grading**: An excavation, cut or fill, or the act of excavating, either cutting or filling.

**Groundwater**: Any water that may be drawn from the ground.

**Groundwater Discharge Area**: An area where the direction of groundwater movement is upward from the principal aquifer to the shallow unconfined aquifer.

**Grubbing:** The removal or destruction of vegetation, including disturbance to the root system or soil surface by mechanical, chemical, or other means.

**Guarantee**: Any form of security including cash, a letter of credit, or an escrow agreement in an amount and form satisfactory to the city.

**Hard-Surfaced**: Covered with concrete, brick, asphalt, or other impervious material.

**Hazardous Waste**: A material as defined by the United States Environmental Protection Agency.

**Health and Fitness Facility**: A business or membership organization providing exercise facilities and/or nonmedical personal services to patrons, including, but not limited to, gymnasiums, private clubs (athletic, health, or recreational), tanning salons, and weight control establishments.

**Health Department**: The Utah County Health Department.

**Heliport**: An area used for the landing and taking off of rotary wing aircraft but not including the regular repair or maintenance of such aircraft or the sale of goods or materials to users of such aircraft.

Hive: A frame hive, box hive, barrel, log, gum skep, or other artificial or natural receptacle that may be used to house bees.

**Holiday Decorations**: Displays of a primarily decorative nature commonly associated with any national, Local, or religious holiday.

Home Day Care: The care of children who are family and non-family members in an occupied dwelling unit, and complying with all State standards and licensing, by a resident of the dwelling unit at least twice a week for more than three (3) children, but fewer than ten (10) children. The total number of children being cared for shall include children under the age of four (4) years residing in the dwelling unit, who are under the supervision of the provider during the period of time the childcare is provided. When a caregiver cares for only three (3) children under age two (2), the group size, at any given time shall not exceed six (6). If there are eight or more children, there must be two or more providers present.

**Home Occupation**: An activity carried out for gain by a resident of the dwelling unit, identified, and conducted in compliance with the requirements of this Ordinance, as applicable.

**Home Preschool**: A preschool program complying with all State standards and licensing for non-family members in an occupied dwelling unit, by residents of that dwelling unit, in which lessons are provided for not more than ten (10) children for each session of instruction. If there are eight or more children, there must be two or more providers present. Sessions shall last for not more than four (4) hours and shall not overlap. Individual children may attend only one (1) preschool session in any 24-hour period.

Honeybee: The common honeybee, Apis mellifera species or any hybrid thereof, at any stage of development, but not including the African honeybee.

**Hospital**: A facility licensed by the State of Utah Department of Health providing health services primarily for human inpatient, medical and/or surgical care for the sick or injured, and including the related facilities such as laboratories, outpatient departments, training facilities, central service facilities, and staff offices which are an integral part of the facilities.

**Hotel**: A building and associated facilities offering overnight accommodations for guests, with access provided through a common entrance, lobby or hallway to individual guestrooms, and which may include additional services, such as restaurants, conference and meeting rooms, entertainment, and recreational facilities.

**Household Pets, Noncommercial**: Domesticated animals and birds ordinarily allowed in a dwelling unit and kept for company or pleasure of the owner, including, but not limited to dogs, cats, and caged birds. Household Pets do not include domestic livestock or fowl, as defined herein or inherently or potentially dangerous animals, fowl, reptiles, or exotic animals.

**Hybrid Production Facility**: A commercial operation or use, on one or more premises where finished consumer goods are manufactured or produced and those same goods are offered for sale to the general public. Hybrid production facilities must be similar in size, scale and scope of operation with adjacent or nearby uses.

**Identical Plans**: Means building plans submitted to the City of Vineyard that are substantially identical to building plans that were previously submitted to and reviewed and approved by the City of Vineyard Building Official and describe a building that is:

- 1. Located on land zoned the same as the land on which the building described in the previously approved plans is located; and
- 2. Subject to the same geological and meteorological conditions and the same law as the building described in the previously approved plans.

**Illegal Building/Structure**: A building or structure, or portion thereof, established without securing the necessary Approvals, Permits, or Licenses, as required by this Ordinance, the adopted Building Code, or their prior enactments.

**Illegal Lot**: A lot created that has not received the necessary Approvals, Permits, or Licenses, as required by the city's Land Use Ordinances.

**Illegal Use**: A use established without receiving the necessary Approvals, Permits, or Licenses, as required by the city's Land Use Ordinances.

**Impact Analysis**: A determination of the potential effect(s), including but not limited to environmental, fiscal, social, matters, etc. upon the city or a Section of the city.

Impervious Material or Surface: Material that is impenetrable by water.

**Improvements**: Curbs, gutters, streets, roads, sidewalks, utilities, grading, paving, landscaping, water and sewer systems, drainage systems, fences, fire hydrants, street lights, parks, public facilities, amenities and other such requirements of this Ordinance.

**Intensity**: The degree of a quantitative or qualitative measurement associated with a use of land or building.

**Internal Illumination**: Lighting by means of a light source that is located within a building structure, or other object including a sign, or portions or letters of a sign.

**Kennel, Commercial**: A facility providing for indoor commercial boarding, grooming or training of household pets not owned by the owner or occupant of the premises.

**Kennel, Outdoor Commercial**: A facility providing for the indoor and/or outdoor commercial boarding, grooming or training of household pets not owned by the owner or occupant of the premises.

**Land Use**: The manner in which land is occupied or used.

**Land Use Application**: All Applications required by this Ordinance, and the city's other Land Use Ordinances, and required to initiate the review procedures for any required Approval, License, or Permit by a Land Use Authority.

**Land Use Approval**: Any authorization received from a Land Use Authority that permits the commencement of a development activity.

**Land Use Authority**: Means a person, board, commission, agency, or other body designated by the Council to act on a Land Use Application.

**Land Use Ordinance**: Means a planning, Zoning, development, or subdivision Ordinance of the City of Vineyard, including this Ordinance, but does not include the City of Vineyard General Plan.

**Landscaping**: Materials and treatments that include naturally growing elements such as grass, trees, shrubs, and flowers. Landscaping may also include the use of rocks, fountains, benches, and contouring of the earth when authorized by a Land Use Authority.

**Laundry, Commercial**: An establishment primarily engaged in the provision of laundering, dry cleaning, or dyeing services other than retail services establishments. Typical uses include bulk laundry and cleaning plants, diaper services, and linen supply services.

**Laundry, Self Service or Dry Cleaning**: An establishment providing home-type washing, drying, and/or ironing machines, household laundry and dry-cleaning services.

**Legal Building/Structure**: A building or structure, or portion thereof, established after receiving the necessary Approvals, Permits, or Licenses, as required by the Land Use Ordinances and complying with the requirements of the Land Use Ordinances and Building Code.

**Liquor Store**: An establishment owned and operated by the State of Utah and primarily engaged in the sale of alcoholic beverages.

**Lot, Legal**: A lot that has received the necessary Approvals, Permits, or Licenses, as required by the city's Land Use Ordinances, or their prior enactments.

**Legal Lot of Record**: Any lot, parcel or tract of land that existed, as recorded in the Office of the Utah County Recorder, with a separate property identification number as provided by the Office of the Utah County Recorder and Office of the Utah County Assessor, prior to the date of the adoption of the first Vineyard Subdivision Ordinance, and all lots, parcels, and tracts of land that were legally created pursuant to the subdivision requirements of the city's Land Use Ordinances and the laws of the State of Utah after the date of the adoption of the first City of Vineyard Subdivision Ordinance.

Legal Use: A use complying with the requirements of this Ordinance.

**Legislative Body**: The City Council of Vineyard, Utah.

**Light Source**: A point of lumination that emits a measurable radiant energy in or near the visible spectrum.

**Limits of Disturbance**: The area of a lot, parcel, or tract of land in which all development activity or construction must be contained including all impervious surfaces, buildings, structures, parking areas, driveways, etc.

**Lot**: A parcel of land occupied or proposed to be occupied by a building or structure, together with such yards, open spaces, lot width and lot area as are required by this Ordinance.

**Lot Area**: The total land area of a lot, parcel, or tract of land.

**Lot Coverage**: The total horizontal area of a lot, parcel, or tract of land covered by any impervious surface, including buildings, structures, parking areas, driveways, etc.

**Lot Depth**: The horizontal distance from a front lot line to a rear lot line.

Lot, Interior: A lot, parcel, or tract of land, other than a corner lot.

**Lot, Irregular**: A lot whose rear property line is not generally parallel to the front property line such as a pie-shaped lot on a cul-de-sac, or where the side property lines are not parallel to each other.

**Lot Line**: A line bounding a lot, parcel, or tract of land that divides one (1) lot, parcel, or tract from another, or from a street. See also Property Line.

**Lot Line Adjustment**: The relocation of the lot line or property boundary line in a subdivision between two adjoining lots with the consent and agreement of the owners of record.

**Lot Line, Front**: A lot line separating a lot from an existing street right-of-way or, where a new street is proposed, the proposed street right-of-way line.

**Lot Line, Rear**: The lot line generally opposite and most distant from the front lot line.

**Lot Line, Side**: Any lot line that is not a front lot line or rear lot line. A side lot line separating one (1) lot from another is an interior side lot line.

**Lot, Corner**: A lot abutting on two (2) intersecting streets where the interior angle of intersection or interception does not exceed one hundred thirty-five degrees (135°).

Lot, Double Frontage: A lot abutting two (2) parallel or approximately parallel streets.

**Lot, Illegal**: A lot that has not received the necessary Approvals, Permits, or Licenses, as required by the city's Land Use Ordinances and State laws, or their prior enactments.

**Lot, Noncomplying (Legal)**: A lot, parcel or tract of land that: (a) Legally existed before its current Zoning designation; and (b) Has been shown as a separate lot, parcel, or tract continuously on the records of the Utah County Recorder as an independent parcel since the time the Zoning requirements governing the lot, parcel or tract changed; and (c) Because of subsequent Zoning changes does not now conform with the requirements of the Zoning District in which the lot, parcel or tract is located.

**Lot, Noncomplying (Illegal)**: A lot, parcel or tract of land that: (a) Was created without receiving the necessary Approvals, Permits, or Licenses, as required by the city's Land Use Ordinances and State laws, and their prior enactments, and (b) Does not conform with the requirements of the Zoning District in which the lot, parcel or tract is located.

Lot Width: For an interior lot or parcel, the shorter of horizontal distance between side lot lines, measured at the required front yard setback line or rear setback line. For a corner lot, the distance between one (1) of the front lot lines and the opposite side yard line at the required setback line.

**LUDMA**: Means the "Municipal Land Use, Development, and Management Act," as provided by Chapter 10-9a, U.C.A., 1953, as amended.

**Lumen**: A measurement of light output or the amount of light emitting from a luminaire. Luminaire: A lighting unit consisting of a light source and all necessary mechanical, electrical, decorative, light shielding and hooded parts.

**Luminaire, Cutoff-Type**: A luminaire with shields, reflectors, refractors, or other such elements that direct and cut-off emitted light.

**Luminaire**, **Shielded**, **Fully**: Luminaires that are constructed so that no light rays are emitted at angles above the horizontal plane, as certified by a photometric test report.

**Luminaire, Shielded, Partially**: Luminaires that are constructed so that no more than ten percent (10%) of the light rays are emitted at angles above the horizontal plane, as certified by a photometric test report.

**Manufacturing, Heavy**: The assembly, fabrication or processing of large or bulky goods and materials which typically require extensive building areas or land areas using raw materials or previously prepared materials, using processes and that may have impacts on the use and enjoyment of adjacent property in terms of noise, smoke, fumes, odors, glare, or health and safety hazards.

**Manufacturing, Light**: The assembly, fabrication or processing of goods and materials using processes that are not offensive or create any odor, dust, smoke, noxious gases, noise, vibration, glare, heat or other impacts to adjacent property, nor create any health and safety hazards by way of materials, process, product or waste, and where all assembly, storage, fabrication or processing is conducted within a building or structure and where all, equipment, compressors, generators and other ancillary equipment is located within a building or structure.

**Medical Clinic**: An organization of doctors, dentists, or other health care professional providing physical or mental health service and medical or surgical care of the sick or injured but which does not include in-patient or overnight accommodations.

**Medical Laboratory**: An establishment that conducts basic medical or dental research and analysis. This term does not include a facility providing any type of in-house patient services typically provided by hospitals and clinics.

**Mixed Use**: The location and arrangement of a combination of compatible residential and nonresidential uses on the same lot or within the same building, and complying with the requirements of this Ordinance.

**Model Home**: A dwelling unit having all of the following characteristics:

- 1. The dwelling unit is constructed upon a lot in a subdivision for which a Final Plat has been recorded.
- 2. The dwelling unit is intended to be temporarily utilized as an example of the dwelling units that are proposed to be built in the same subdivision.

**Moderate Income Housing**: Housing occupied or reserved for occupancy by households with a gross household income equal to or less than eighty percent (80%) of the median gross income for households of the same size in Utah County.

**Moderate Income Housing Plan**: A written document conforming to the requirements of LUDMA.

**Monument**: A permanent survey marker established by the Utah County Surveyor and/or a survey marker set in accordance with the City Engineer's specifications and referenced to Utah County survey monuments.

**Motel**: A building or group of buildings containing guest rooms, some or all of which have a separate entrance leading directly from the outside of the building with a garage or parking space located on the same lot and designed, used or intended wholly or in part for the overnight accommodations of guests and their vehicles.

**Motor Home**: A unit primarily designed as a temporary dwelling for recreational and vacation use, which is either self-propelled or is mounted on or pulled by another vehicle, including, but not limited to, a travel trailer, a camping trailer, a truck camper, a motor home, a fifth wheel trailer, and a caravan.

**Motor Vehicle Fueling Station**: A facility providing the retail sale and direct delivery to motor vehicles of fuel, including electric charging stations, lubricants and minor accessories, and retail sales for the convenience of the motoring public.

**Municipality**: The City of Vineyard, Utah, or other incorporated area.

**Museum**: An institution for the acquisition, preservation, study and exhibition of works of artistic, historical or scientific value and for which any sales relating to such exhibits are incidental and accessory to the exhibits presented.

**Natural Features**: Non-man-made land characteristics, including but not limited to slopes, wetlands, streams, rock outcropping, lava fields, intermittent drainage channels, and vegetation.

**Natural State**: Land that has not been subjected to grading, removal of vegetation or any development activity.

**Natural Vegetation**: Vegetation existing on a lot or parcel prior to any grading, development activity or man-made plantings.

**Natural Waterways**: Those areas, varying in width, along the course of a permanent or intermittent river, stream, creek, or gully.

**Nominal Fee**: A fee that reasonably reimburses the city only for time spent and expenses incurred in:

- 1. Verifying that building plans are identical plans; and
- 2. Reviewing and approving those minor aspects of identical plans that differ from the previously reviewed and approved building plans.

**Noncombustible Material**: Any material that will not ignite at or below a temperature of one thousand two hundred degrees Fahrenheit (1,200°F) during an exposure of five (5) minutes, and will not continue to burn or glow at that temperature.

#### **Noncomplying Structure**: A structure that:

- 1. Legally existed before its current land use designation; and
- 2. Because of one or more subsequent land use Ordinance changes, does not conform to the setback, height restrictions, or other regulations, excluding those regulations, which govern the use of land.

#### **Nonconforming Use**: A use of land that:

- 1. Legally existed before its current land use designation;
- 2. Has been maintained continuously since the time the land use Ordinance governing the land changed; and
- 3. Because of one or more subsequent Land Use Ordinance changes, does not conform to the regulations that now govern the use of the land.

**Nonresidential Uses**: Means the uses identified in the Tables of Uses – Nonresidential Zoning Districts.

**Nonresidential Zoning District/Nonresidential Zones**: Means the Commercial Districts and Industrial Districts.

**Nursing Care Facility**: A healthcare facility, other than a hospital, constructed, licensed and operated to provide patient living accommodations, twenty-four (24) hour staff availability, and at least two (2) of the following patient services:

- a selection of patient care services, under the direction and supervision of a registered nurse, ranging from continuous medical, skilled nursing, psychological or other professional therapies to intermittent health related or paraprofessional personal care services;
- 2. a structured, supportive social living environment based on a professionally designed and supervised treatment plan, oriented to the individual's habilitation or rehabilitation

needs: or

3. a supervised living environment that provides support, training or assistance with individual activities of daily living.

**Nursing Home, Convalescent Care Center:** A facility that provides 24-hour residential care to persons who are not related by blood, marriage, or adoption to the owner, operator, or manager of the facility. A Nursing Home or Convalescent Care Center provides some level of skilled nursing or medical service to the residents.

Office: A type of business use where a building, room, or other space and where executive, management, administrative or professional services are provided, except medical services, and excluding the sale of merchandise, except as incidental to a principal use. Typical uses include real estate brokers, insurance agencies, investment firms, employment agencies, travel agencies, advertising agencies, secretarial services, data processing, professional or consulting services in the fields of law, architecture, design, engineering, accounting and similar professions; interior decorating consulting services; and business offices of private companies, utility companies, trade associations, unions and nonprofit organizations.

**Official Map**: A map adopted by the Council and recorded in the Utah County Recorder's Office that:

- 1. Shows actual and proposed rights-of-way, centerline alignments, and setbacks for highways and other transportation facilities;
- Provides a basis for restricting development in designated rights-of-way or between designated setbacks to allow the government authorities time to purchase or otherwise reserve the land; and
- 3. Has been adopted as an element of the City of Vineyard General Plan.

Official Zoning Map/Zoning Districts Map: The map adopted by the Council showing the geographic location of Zoning Districts.

**Off-Street**: Entirely outside of any city right-of-way, street, access easement, or any private access drives.

**Open Space**: Land areas that are not occupied by buildings, structures, parking areas, streets, or roads. Open space may be devoted to landscaping, preservation of natural features, and recreational areas and facilities.

**Outdoor Display of Products or Merchandise**: The storage of goods or product in an open, unenclosed area, including but not limited to, automotive, truck, recreational vehicle, trailer, and manufactured home sales lots, repair yards, open storage areas, and all similar outside display and storage areas of goods, materials, equipment, and vehicles.

**Overlay District**: A Zoning District, with its accompanying requirements, that is applied to an area that may place additional development standards on a Zoning District. Development in an overlay District must conform to the base District as well as the overlay Zoning requirements.

**Owner**: Any person who alone, jointly or severally with others, has a legal or equitable title to property.

**Parcel of Land**: An area of land, with a separate property identification number, as provided by the Office of the Utah County Recorder.

**Park**: A playground, or other area or open space providing opportunities for active or passive recreational or leisure activities.

**Park and Ride Facility**: A parking area and transit facility, the purpose of which is to allow the parking of motor vehicles with a connection to mass transit service.

**Park Strip**: The area located between the edge of asphalt or curb and the sidewalk, trail, or property line.

**Parking Area/Parking Lot**: An enclosed or unenclosed area, other than a street, and used or designed for the parking of four (4) or more vehicles.

**Parking Space**: An enclosed or unenclosed area used for parking or storage of one (1) automobile.

**Pawnshop**: Any person or establishment engaged in any of the following:

- 1. Lending money on deposit of personal property;
- 2. Dealing in the purchase, exchange, or possession of personal property on condition of selling the same back again to the pledger or depositor;
- 3. Lending or advancing of money on personal property by taking chattel mortgage security thereon and taking or receiving possession of such personal property; or
- 4. Selling unredeemed pledged personal property together with such new merchandise as will facilitate the sale of such property.

**Permitted Use**: For the purposes of this Ordinance shall include P-1 and P-2 Uses.

**Personal Care Service**: An establishment primarily engaged in the provision of frequently or recurrently needed services of a personal nature. Typical uses include beauty and barbershops, custom tailoring and seamstress shops, electrolysis studios, portrait studios, shoe repair shops, tailors, tanning and nail salons, and weight loss centers. The term excludes "Tattoo Establishment."

**Person**: An individual, corporation, partnership, organization, association, trust, governmental agency, or any other legal entity.

**Pervious Material or Surface**: Material that is penetrable by water.

Pharmacy: Any place where prescription drugs are dispensed, but does not include the dispensing of medical cannabis or associated products.

Pharmacy, Medical Cannabis: See USC Section 26-61a-102 Definitions.

**Planning Commission**: The Planning Commission of the City of Vineyard, Utah.

**Plat**: A map or other graphical representation of lands being laid out and prepared in accordance with LUDMA.

**Plat, Final**: A drawing prepared in accordance with the Land Use Ordinances showing the final design of a land division and complying with all standards and requirements of best surveying practice and in a form required by the Utah County Recorder's Office for recordation.

**Plat, Preliminary**: A drawing prepared in accordance with the Land Use Ordinances showing the design of a proposed land division.

**Power Plant**: An electrical energy generating facility with generating capacity of more than 50 megawatts and any appurtenant and associated facilities.

**Primary Building**: The principal building located on a lot, parcel, or tract of land and designed or used to accommodate the primary use.

**Primary Use**: The principal purpose for which a lot, parcel, tract, or building is designed, arranged or intended, or for which it is occupied or maintained.

**Private Club**: Any nonprofit corporation operating as a social club, recreational, fraternal or athletic association, or kindred association organized primarily for the benefit of its stockholders or members. A Private Club that serves liquor shall maintain compliance with all applicable state laws.

**Private Drive**: A non-dedicated thoroughfare used exclusively for private access to a lot, parcel, or tract of land.

**Property**: Any lot, parcel, or tract of land, including improvements thereon, and recorded as real property in the Office of the Utah County Recorder.

**Property Line**: The boundary line of a lot, parcel, or tract.

**Public**: That which is under the ownership or control of the United States Government, Utah State or any subdivision thereof, Utah County, or the City of Vineyard (or any departments or agencies thereof).

Public Art: Original tangible works created by an artist for the purpose of enhancing public space. These works include, but not limited to paintings, murals, inscriptions, stained glass, fiber work, statues, reliefs or other sculpture, and monuments.

**Public Use:** A use operated exclusively by a public body or quasi public body, such use having the purpose of serving the public health, safety, or general welfare, and including streets, parks, recreational facilities, administrative and service—facilities, and—public—utilities, and found to conform to the General Plan, as adopted. Public Uses and Utilities do not include "Major Facility of a Public Utility," as defined herein.

**Public Hearing**: A hearing at which citizens of the City and members of the public are provided a reasonable opportunity to comment on the subject of the hearing.

**Public Improvement**: Any street dedications, installations of curb, gutter, sidewalk, road base and asphalt, water, sewer, and storm drainage facilities, or other utility or service required to provide services to a lot, parcel, building, or structure.

**Public Meeting**: A meeting that is required to be open to the public under Title 52, Chapter 4, Open and Public Meetings.

<u>Public Use</u>: A use operated exclusively by a public body or quasi-public body, such use having the purpose of serving the public health, safety, or general welfare, and including streets, parks, recreational facilities, administrative and service facilities, and public utilities, and found to conform to the General Plan, as adopted. Public Uses and Utilities do not include "Major Facility of a Public Utility," as defined herein.

**Qualified Professional**: A professionally trained person with the requisite academic degree, experience, and professional certification or License in the field or fields relating to the matter being studied or analyzed.

**Quasi-Public Use**: A use operated by a private nonprofit educational, religious, recreational, charitable, or philanthropic institution, serving the public.

Reasonable Accommodation: A change in a rule, policy, practice, or service necessary to afford a person equal opportunity to use and enjoy a dwelling. As used in this definition "Reasonable" means a requested accommodation will not undermine the legitimate purposes of existing Zoning regulations notwithstanding the benefit that the accommodation would provide to a person with a disability, "Necessary" means the Applicant must show that, but for the accommodation, one or more persons with a disability likely will be denied an equal opportunity to enjoy housing of their choice, "Equal Opportunity" means achieving equal results as between a person with a disability and a non-disabled person.

**Record of Survey Map**: A map of a survey of land prepared in accordance with the laws of the State of Utah.

**Reception Hall, Reception Center**: A facility for the holding of events including but not limited to weddings, wedding receptions, community meetings, and group gatherings.

**Recreational and Manufactured Home Standard**: A standard adopted by the American National Standards Institute or the national fire protection association for recreational vehicles, and for mobile homes manufactured prior to June 15, 1976. For manufactured homes built after June 16, 1976, "standard" means the standard adopted pursuant to the National Manufactured Housing Construction and Safety Standards Act, 1974, as amended.

**Recreational Vehicle**: A vehicular unit primarily designed for recreational and vacation use, which is either self-propelled or is mounted on or pulled by another vehicle, including but not limited to a travel trailer, a camping trailer, a truck camper, a motor home, boat, a fifth-wheel trailer and a caravan.

**Recycling Collection Center:** A use, often accessory in nature, providing designated containers for the collection, sorting and temporary storage of recoverable resources (such as paper, glass, metal and plastic products) to be transferred to a recycling processing facility. Recycling Collection Centers involve no more than 3 collection containers up to 40 cubic yards in total size. The operator of the collection center shall keep the collection center in proper repair and the exterior must have a neat and clean appearance.

**Recycling Processing Facility**: A facility where recyclable and organic materials are collected, stored and processed. Processing includes but is not limited to baling, briquetting, compacting, flattening, crushing, mechanical sorting, shredding, and cleaning. Recycling Processing Facility does not include Salvage Yard.

**Residence**: A dwelling unit or other place where an individual or family is living at a given point in time and not a place of temporary sojourn or transient visit.

Residence for Persons with a Disability that are Substance Abuse Facilities located within 500 feet of a School: A residence in which more than one (1) person with a disability resides; and is Licensed or certified by the Department of Human Services under Title 62A, Chapter 2, Licensure of Programs and Facilities; or is Licensed or certified by the Department of Health under Title 26, Chapter 21, Health Care Facility Licensing and Inspection Act. See definition of Disability.

**Residential Activity**: Any building, structure, or portion thereof that is designed for or used for residential purposes and any activity involving the use of occupancy of a lot or structure for residential purposes.

**Residential Facility for Elderly Persons**: A single-family or multiple-family dwelling unit that meets the requirements of LUDMA.

**Residential Facility for Persons with a Disability**: A residence in which more than one (1) person with a disability resides; and is Licensed or certified by the Department of Human Services under Title 62A, Chapter 2, Licensure of Programs and Facilities; or is Licensed or certified by the Department of Health under Title 26, Chapter 21, Health Care Facility Licensing and Inspection Act. See definition of Disability.

**Residential Lease, Short Term**: The use, occupancy, rent or lease, for direct or indirect compensation, of a structure or any portion thereof constructed for single family or multifamily occupancy or of any other residential property for an effective term of thirty (30) days or less.

**Residential Uses**: Means the uses identified in the Zoning District Use Matrix under the Residential category.

**Restaurant**: A building or facility for the preparation and retail sale of food and beverages.

**Retail Sales and Services**: Establishments engaged in the retail sale of goods and services, except those uses as otherwise clearly defined herein.

**Retail Sales and Services (Community Commercial)**: Establishments engaged in the retail sale of goods and services. Community Commercial Retail Sales and Service businesses must conduct all sales of goods and services, with all associated storage of goods and materials, within a totally enclosed building (with the exception of occasional outdoor "sidewalk" promotions), with no separate individual building to exceed 3,000 square feet in total gross building and the total gross floor area of all buildings, on any separate, individual lot, does not exceed more than 6,000 square feet of gross building area.

Community Commercial Retail Sales and Services specifically excludes all sales, accessory uses, and service uses that typically display goods or services, or store goods or product in open, unenclosed areas, including but not limited to, automotive, truck, recreational vehicle, trailer, and manufactured home sales lots, repair yards, open storage areas, and all similar outside display and storage areas of goods, materials, equipment, and vehicles.

**Retail Sales and Services (Regional)**: A commercial retail business that occupies more than 80,000 square feet of floor space, is a car or motor vehicle dealer, is a retail shopping facility (shopping center) that has at least one (1) anchor tenants if the total floor area of all tenants is more than 150,000 square feet, or is a grocery store of more than 30,000 square feet.

**Revocation**: A action by a Land Use Authority that has the effect to terminate any Approval, Permit, or License required by the city's Land Use Ordinances, including this Ordinance.

**Right-of-Way**: Any area provided for conveying vehicle and pedestrian traffic.

**Roof Line**: The highest point on any building or structure.

**Salvage Yard**: The use of any lot, portion of a lot, or land for the storage, keeping or abandonment of junk, including scrap metals or other scrap materials, or for the dismantling, demolition or abandonment of automobiles or other vehicles or machinery and/or the storage and sale of dismantled or damaged vehicles or their parts.

**Sanitary Sewer Authority**: The department, agency, or public entity with responsibility to review and approve the feasibility of sanitary sewer services or onsite wastewater systems.

**Seasonal Use**: A Seasonal Use shall not exceed ninety (90) days. Such uses include fireworks stands, fruit or vegetable stands, beverage or snow cone vendors, and Christmas tree lots.

**Self-Service Storage**: An enclosed commercial storage facility providing independent, fully enclosed bays, which are leased to persons exclusively for storage of their household goods or personal property.

**Self-Storage, Mixed Use**: A single building containing more than the primary land use of self-storage, or a single development of more than one building and use, where the different types of land uses are in close proximity, planned as a unified complementary whole, and functionally integrated to the use of shared vehicular and pedestrian access and parking areas. A mixed-use self-storage facility is intended to be used for a mix of uses between the primary use of a private noncommercial, non-industrial storage facility and general, professional office, medical or dental offices, retail or residential dwelling units' uses.

**Sexual Oriented Business**: A business which depicts, portrays, or describes "specified sexual activities" or "specified anatomical areas," or instruments, devices, or paraphernalia which are designated or used in connection with specified sexual activities, including but not limited to adult arcade, adult bookstore, adult novelty store, adult video store, adult cabaret, adult motel, adult motion picture theater, adult theater, or nude or seminude model studio.

**Sign**: A presentation or representation of words, letters, figures, designs, picture or colors, publicly displayed so as to give notice relative to a person, business, article or merchandise, service, assemblage, solicitation, or a request for aid; also, the structure or framework or a natural object on which any sign is erected or is intended to be erected or exhibited or which is being used or is intended to be used for sign purposes.

**Sign, Illegal**: Any sign which does not conform to the requirements of this Ordinance and was constructed or installed without the necessary Approvals, Permits, or Licenses required by this Ordinance, or prior enactments.

**Sign, Legal**: A sign that conforms to the requirements of this Ordinance and has received all necessary Approvals, Permits, or Licenses, as required by this Ordinance, or prior enactments.

**Sign, Noncomplying**: A sign or sign structure of portion thereof lawfully existing at the time this Ordinance became effective, but which does not conform to all applicable requirements now provided by this Ordinance.

**Sign, Non-maintained**: A sign which, due to lack of repair, cleaning, painting, or changing of light bulbs has become deteriorated, hazardous, or non-functional.

**Sign, Off-Premise**: Any sign, including a billboard or general outdoor advertising device, that advertises or directs attention to a business, commodity, service, activity, or matter conducted, sold, or offered at a location other than on the lot, parcel, or tract upon which such sign is located.

**Sign, On-Premise**: A sign that directs attention to a business, commodity, product, use, service or other activity that is sold, offered or conducted on the lot, parcel, or tract upon which such sign is located.

**Site Plan**: A schematic, scaled drawing of a lot, parcel, or tract which indicates, as may be required by this Ordinance, including but not limited to the placement and location of buildings, setbacks, yards, property lines, adjacent parcels, utilities, topography, waterways, irrigation, drainage, landscaping, parking areas, driveways, trash containers, streets, sidewalks, curbs, gutters, signs, lighting, fences and other features of existing or proposed use, activity, building or structure.

**Slope**: The level of inclination of land from the horizontal plane determined by dividing the horizontal run or distance, of the land into the vertical rise, or distance, of the same land and converting the resulting figure in a percentage value.

**Special District**: An entity established under the authority of Title 17A, Special Districts, U.C.A., 1953, as amended.

**Specified Public Utility**: Means an electrical corporation, gas corporation, or telephone corporation, as those terms are defined in Section 54-2-1, U.C.A., 1953, as amended.

**Start of Construction**: The issuance date of a Building Permit if construction, repair, reconstruction, placement, or other improvement begins within one hundred eighty (180) days of the Permit date. "Begins" means the date of the commencement of the first development activity on the site.

**Story**: The space within a building, included between the surface of any floor and the surface of the ceiling next above.

**Street**: A public right-of-way, including a highway, avenue, boulevard, parkway, road, lane, walk, alley, viaduct, tunnel, bridge, public easement, or other way.

**Structural Alterations**: Any change in supporting members of a building, such as bearing walls, columns, beams, or girders.

**Structure**: Anything constructed or erected, the use of which requires location on the ground, or attachment to something having location on the ground.

**Subdivision**: Means any land that is divided, resubdivided or proposed to be divided into two or more lots, parcels, sites, units, plots, or other division of land for the purpose, whether immediate or future, for offer, sale, lease, or development either on the installment plan or upon any and all other plans, terms, and conditions, and as further defined by LUDMA.

**Subdivision Application**: The Applications required by the City of <u>Vineyard Subdivision</u>

<u>Ordinance</u> and required to initiate the review procedures for any required subdivision approval.

**Substantial Action**: Action taken in good faith to diligently pursue any matter necessary to obtain approval of an Application filed pursuant to the provisions of this Ordinance or to exercise development rights authorized pursuant to such an approval.

**Swimming Pool**: An artificial body of water having a depth in excess of eighteen inches, designed, constructed and used for swimming, dipping or immersion purposes by men, women or children, and located on a same lot or parcel as a dwelling, or dwellings.

**Temporary Use**: A use or event established for a maximum period of sixty (60) days, such use or event being discontinued after the expiration of sixty (60) days.

**Tennis Court/Sports Court**: An improved area used for the playing of tennis or other sports activities, including, but not limited to, basketball and volleyball, and located on a same lot or parcel as a dwelling, or dwellings.

**Trailer/RV Camping Facilities**: Any area or tract of land used or designed to accommodate two (2) or more travel trailers, recreational vehicles, motor homes or camping parties.

**Travel Trailer**: A vehicular, portable unit, mounted on wheels, not requiring special highway movement permits when drawn by a motorized vehicle:

- 1. Designed for travel, recreational and vacation use; and
- 2. When factory equipped for the road, having a body width of not more than eight feet (8') and a body length of not more than forty feet (40').

**Unincorporated**: Means the area of Utah County, Utah and located outside of the incorporated area of the City of Vineyard, or another municipality.

**Use**: The specific purpose for which land or a building is designed, arranged, intended, or for which it is or may be occupied or maintained.

USGS: The United States Geological Survey.

**Utilities**: Include, but are not limited to, natural gas, electric power, cable television, telephone, telecommunication services, storm system, sewer system, irrigation facilities, culinary water, street lights and other services deemed to be of a public-utility nature by the city.

**Utility Easement**: The area designated for access to construct or maintain utilities on a lot, parcel, or tract of land.

**Utility, Public Major Facility**: Any overhead or underground electric transmission lines (greater than 115,000 volts), substations of electric utilities; gas regulator stations, transmission and gathering pipelines and storage areas of utilities providing natural gas or petroleum derivatives; and their appurtenant facilities, water treatment plant, sewage treatment plant, or similar public or quasi-public use or activity.

**Utility, Public Minor Facility**: Any water, sewer power, gas, telephone, cable television, or other utility, distribution line, or facility, which is located underground and buried beneath the surface of the ground.

**Variance**: A modification granted by the Land Use Hearing Officer to a development standard with a finding of hardship.

**Vehicle**: A Licensed automobile, truck, trailer, boat or other device in which a person or thing is or can be transported from one (1) place to another.

**Vehicle and Equipment Repair (Major)**: An establishment primarily engaged in the major repair or painting of motor vehicles or heavy equipment, including auto body repairs, installation of major accessories and transmission and engine rebuilding services. Typical uses include major automobile repair garages, farm equipment repair, paint, and body shops.

Vehicle and Equipment Repair (Minor): An establishment providing motor vehicle repair or maintenance services and conducted entirely within completely enclosed buildings, but not including paint and body shops or other activities associated with Vehicle and Equipment Repair (Major). Typical uses include businesses engaged in the following activities: electronic tune-ups, brake repairs (including drum turning), air conditioning repairs, generator and starter repairs, tire repairs, frontend alignments, battery recharging, lubrication, and sales, repair and installation of minor parts and accessories such as tires, batteries, windshield wipers, hoses, windows, etc. Vehicle and Equipment Repair (Minor) may include the retail sale of fuels, lubricants and other supplies for motor vehicles.

**Vehicle and Equipment Sale and Rental**: A facility providing for the sale, lease, or rental of new or used vehicles, including automobiles, trucks, motorcycles, recreational vehicles, or boats. The cleaning and routine maintenance of motor vehicles is allowed as an accessory use.

**Violated** or **Violating**: There exists reasonable cause to believe that an Ordinance, Code, Statute, or Law has been, or is being broken.

**Warehouse Club**: A retail business requiring patron membership, and selling packaged and bulk foods and general merchandise characterized by high volume and a restricted line of popular merchandise in a no-frills environment. Examples include, but are not limited to Wholesale Club, Costco, and Sam's Club.

Wholesale Distribution: A business that maintains an inventory of materials, supplies and goods related to one or more industries and sells bulk quantities of such materials, supplies and goods from its inventory to retail companies within the industry and which may include the parking and storage of distribution vehicles, and accessory activities.

Wireless Telecommunication Facility: A facility used for the transmission or reception of electromagnetic or electro-optic information, including wireless telecommunications facilities such as "cellular" or "PCS" (Personal Communications Systems) – communication and paging systems. This use is not required to be located on a separate lot or to comply with the minimum lot size requirement for the District in which it is located but is required to meet the design and locational requirements, as established for such uses, as provided by this Ordinance. Telecommunications Site/Facility does not include radio antennas complying with the ruling of the Federal Communications Commission in "Amateur Radio Preemption, 101 FCC 2nd 952 (1985)" or a regulation related to amateur radio service adopted under 47 C.F.R. Part 97.

**Yard**: An open space on a lot, parcel or tract of land, unoccupied and unobstructed from the ground upward by buildings, except as otherwise provided herein.

**Yard, Front**: An open space on the same lot with a building between the front line of the building and the front lot line and extending across the full width of the lot. The "depth" of the front yard is the minimum distance between the front lot line and the front line of the building.

**Yard, Rear**: An open, unoccupied space on the same lot as a building, between the rear line of the building and the rear lot line and extending the full width of the lot except, on corner lots, the rear yard shall not include the side yard bordering the street.

**Yard, Side**: An open, unoccupied space on the same lot as a building, between the rear line of the building and the front line of the building and extending from the side line of the building to the side lot line; except, on corner lots, the side yard bordering the street shall extend to the rear from the front line of the building to the rear lot line, the same distance as is required for side yard setbacks on corner lots in each zone.

**Zoning District**: An area of the city that has been given a designation which regulates the construction, reconstruction, alteration, repair, or use of buildings or structures, or the use of land as set forth in this Ordinance.

**Zoning Districts Map**: The map, adopted as part of a Land Use Ordinance, including this Ordinance that depicts and identifies the geographic location of the Zoning Districts provided by this Ordinance.

**Zoning Ordinance**: This Ordinance, and any amendments thereto as may be amended from time to time. This Ordinance is determined and identified to be a Land Use Ordinance of the City of Vineyard, Utah.

- **SECTION 12: REPEALER CLAUSE** All ordinances or resolutions or parts thereof, which are in conflict herewith, are hereby repealed.
- **SECTION 13: SEVERABILITY CLAUSE** Should any part or provision of this Ordinance be declared by the courts to be unconstitutional or invalid, such decision shall not affect the validity of the Ordinances a whole or any part thereof other than the part so declared to be unconstitutional or invalid.
- **SECTION 14:** EFFECTIVE DATE This Ordinance shall be in full force and effect from April 26, 2023 and after the required approval and publication according to law.

# PASSED AND ADOPTED BY THE VINEYARD COUNCIL

	·			
	AYE	NAY	ABSENT	ABSTAIN
Mayor Julie Fullmer				
Tyce Flake				
Amber Rasmussen				
Mardi Sifuentes				
Cristy Welsh				
Presiding Officer		Attest		
Julie Fullmer, Mayor, Vineyard		Pamela Spencer, City Recorder, Vineyard		



#### VINEYARD CITY COUNCIL STAFF REPORT

Meeting Date: April 12, 2023

**Agenda Item:** 10.6 (6.3) Municipal Alternate Voting Methods Pilot Project (also known as Ranked Choice

Voting)

**Department:** Recorder/Elections

**Presenter:** Pamela Spencer

**Background/Discussion:** In 2018, the Utah State Legislature passed HB 35 Municipal Alternate Voting Methods Pilot Project that established a pilot project in which cities could use instant runoff voting, also known as ranked choice voting.

The city Council voted in 2019 and 2021 to run the Municipal Elections using the ranked choice voting method.

**Fiscal Impact:** using the Ranked choice voting method allows the city to bypass the Primary Election and only hold the General Election. This saves the city half the costs to run the election. The costs to run the election have not been determined at this time.

#### **Recommendation:**

Staff is recommending that the City Council approve the use of Municipal Alternate Voting Methods Pilot Project (ranked choice) for the 2023 Municipal Elections

## **Sample Motion:**

I move to adopt Resolution 2023, approving the city of Vineyard, Utah to participate in the Municipal Alternate Voting Methods Pilot Project for the 2023 Municipal Elections.

### **Attachments:**

Resolution 2023-14

#### **RESOLUTION NO. 2023-14**

## A RESOLUTION REQUESTING INCLUSION OF VINEYARD, UTAH IN THE MUNICIPAL ALTERNATE VOTING METHODS PILOT PROJECT

WHEREAS, the State of Utah by its General Assembly has made available a pilot project for participation in the alternate voting methods for municipal elections beginning January 1, 2019, and ending on January 1, 2026; and

WHEREAS, House Bill 35 was passed during the 2018 General Session allowing municipalities to conduct nonpartisan races using instant runoff voting in accordance with the requirements of 20A-4 of the Utah Code and all other applicable provisions of law, during any odd-numbered year that the pilot project is in effect (as amended); and

WHEREAS, in accordance with 20A-4-602(3)(a) of the Utah Code, a resolution must be passed each election year because a resolution for the last election cycle is not valid for the purpose of submitting notification to the Lieutenant Governor;

WHEREAS, on April 12, 2023, the Vineyard City Council held a duly noticed public meeting to discuss and ascertain the facts regarding this matter, which facts and comments are found in the meeting record; and,

WHEREAS, the Vineyard City Council voted to provide written notice to the Lieutenant Governor stating that the municipality intended to participate in the pilot project for the 2023 election year, which document included a statement signed by the election officer of the municipality, stating that the municipality had the resources and capability necessary to participate in the pilot project; and

WHEREAS, the Vineyard City Council finds that it would be in the best interest of the city of Vineyard and its citizens to hold its 2023 Municipal General Election by instant runoff voting.

NOW, THEREFORE BE IT RESOLVED that the Vineyard City Council adopts instant runoff voting for the 2023 Municipal General Election and that by this resolution, gives notice to the Lieutenant Governor to enter the Municipal Alternate Voting Methods Pilot Project for its 2023 Municipal Elections.

Approved and adopted by the Vineyard City Council this 12<sup>th</sup> day of April, 2023.

	Attest:		
Julie Fullmer, Mayor	Kelly Kloepfer, Deputy Recorder		